

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 75.3103 Seconds
(without alignments)
566.476 Million cell updates/sec

Title: US-10-007-255-9

Perfect score: 24

Sequence: 1 cttatgtagacagctcttcaag 24

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*
1: /cgm2_6/ptodata/1/ina/1 COMB.seq.*
2: /cgm2_6/ptodata/1/ina/5 COMB.seq.*
3: /cgm2_6/ptodata/1/ina/6A COMB.seq.*
4: /cgm2_6/ptodata/1/ina/6B COMB.seq.*
5: /cgm2_6/ptodata/1/ina/H COMB.seq.*
6: /cgm2_6/ptodata/1/ina/PCTUS COMB.seq.*
7: /cgm2_6/ptodata/1/ina/PP COMB.seq.*
8: /cgm2_6/ptodata/1/ina/RE COMB.seq.*
9: /cgm2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	24	100.0	568	2	US-08-439-814-4
C 2	24	100.0	1318	2	US-08-439-814-3
C 3	24	100.0	1688	2	US-08-439-814-2
C 4	24	100.0	2090	2	US-08-439-814-1
C 5	17.2	71.7	601	3	US-09-949-016-70889
C 6	17.2	71.7	601	3	US-09-949-016-70890
C 7	17.2	71.7	601	3	US-09-949-002-1251
C 8	17.2	71.7	601	3	US-09-949-002-8089
C 9	17.2	71.7	13204	3	US-09-054-272-49
C 10	17.2	71.7	21308	3	US-09-949-002-584
C 11	17.2	71.7	21407	3	US-09-949-002-784
C 12	17.2	71.7	125536	3	US-09-949-016-14186
C 13	17.2	71.7	185765	3	US-09-949-002-674
C 14	17.2	71.7	185766	3	US-09-949-002-707
C 15	17.2	71.7	276687	3	US-09-949-016-13840
C 16	17	70.8	92	3	US-09-621-976-17501
C 17	17	70.8	103	3	US-09-621-976-17501
C 18	17	70.8	126	3	US-09-621-976-17502
C 19	17	70.8	137	3	US-09-621-976-17503
C 20	17	70.8	150	3	US-09-621-976-13989
C 21	17	70.8	169	3	US-09-621-976-11249
C 22	17	70.8	179	3	US-09-621-976-9575
C 23	16.8	70.0	26313	3	US-09-949-016-16117
C 24	16.8	70.0	81384	3	US-09-949-016-12422

25	16.6	69.2	406	3	US-09-621-976-14718	Sequence 14718, A
26	16.6	69.2	601	3	US-09-949-016-29459	Sequence 29459, A
C 27	16.6	69.2	601	3	US-09-949-016-153865	Sequence 153865, A
28	16.6	69.2	601	3	US-09-949-016-185733	Sequence 185733, A
C 29	16.6	69.2	601	3	US-09-949-016-195083	Sequence 195083, A
C 30	16.6	69.2	601	3	US-09-949-016-195084	Sequence 195084, A
C 31	16.6	69.2	1572	3	US-09-107-532A-495	Sequence 495, App
32	16.6	69.2	24847	3	US-09-949-016-16056	Sequence 16056, A
33	16.6	69.2	25464	3	US-09-326-480A-4	Sequence 4, Appli
34	16.6	69.2	28696	3	US-09-949-016-17054	Sequence 17054, A
35	16.6	69.2	28780	3	US-09-949-016-12335	Sequence 12335, A
C 36	16.6	69.2	40130	3	US-09-949-016-17275	Sequence 17275, A
37	16.6	69.2	142504	3	US-09-949-016-13693	Sequence 13693, A
38	16.6	69.2	142506	3	US-09-949-016-12474	Sequence 12474, A
C 39	16.6	69.2	248968	3	US-09-949-016-12614	Sequence 12614, A
C 40	16.6	69.2	250958	3	US-09-949-016-16061	Sequence 16061, A
C 41	16.6	69.2	260286	3	US-09-949-016-17037	Sequence 17037, A
C 42	16.6	69.2	260293	3	US-09-949-016-12106	Sequence 12106, A
C 43	16.6	69.2	1830121	3	US-09-557-884-1	Sequence 1, Appli
C 44	16.6	69.2	1830121	3	US-09-643-990A-1	Sequence 1, Appli
C 45	16.6	69.2	1830121	3	US-10-158-865-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-08-439-814-4/c
; Sequence 4, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIKO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7

; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-4
Query Match 100.0%; Score 24; DB 2; Length 568;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
Db 203 CTTATGTAGACACGCTCTTTCAAAG 180
|||||

RESULT 2
US-08-439-814-3/c
; Sequence 3, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI, DO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1318 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-3
Query Match 100.0%; Score 24; DB 2; Length 1318;
Best Local Similarity 100.0%; Pred. No. 0.035;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
Db 953 CTTATGTAGACACGCTCTTTCAAAG 930
|||||

RESULT 3
US-08-439-814-2/c
; Sequence 2, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI, DO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1688 base pairs
; TYPE: nucleic acid

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/
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-2

Query Match      100.0%; Score 24; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.036;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAAG 24
    |||||
Db 1323 CTTATGTAGACACGCTCTTTCAAG 1300

RESULT 4
US-08-439-814-1/c
; Sequence 1, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI DO, MARCEL STEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30B (BPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2090 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-1

Query Match      100.0%; Score 24; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.036;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAAG 24
    |||||
Db 1323 CTTATGTAGACACGCTCTTTCAAG 1300

RESULT 5
US-09-949-016-70889/c
; Sequence 70889, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70889
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-70889

Query Match      71.7%; Score 17.2; DB 3; Length 601;
Best Local Similarity 86.4%; Pred. No. 68;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
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Db 315 TTATGTATACATGCTTTTAA 294

RESULT 6
US-09-949-016-70890/c
; Sequence 70890, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70890
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-70890

Query Match      71.7%; Score 17.2; DB 3; Length 601;
Best Local Similarity 86.4%; Pred. No. 68;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Query Match      71.7%; Score 17.2; DB 3; Length 21308;
Best Local Similarity 86.4%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAA 22
Db 9134 CTAATGTAGACACGCTCTTTCAA 9155

RESULT 11
US-09-949-002-784
; Sequence 784, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 784
; LENGTH: 21407
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-784

Query Match      71.7%; Score 17.2; DB 3; Length 21407;
Best Local Similarity 86.4%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAA 22
Db 9231 CTAATGTAGACACGCTCTTTCAA 9252

RESULT 12
US-09-949-016-14186/c
; Sequence 14186, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14186
; LENGTH: 125536
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-14186

Query Match      71.7%; Score 17.2; DB 3; Length 125536;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 120935 TTATGAAGACACTTCTTTTAA 120914
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RESULT 13
US-09-949-002-674
; Sequence 674, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 674
; LENGTH: 185765
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-674

Query Match      71.7%; Score 17.2; DB 3; Length 185765;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 14087 TTATTTAGACACTTCTTCCAAA 14108

RESULT 14
US-09-949-002-707
; Sequence 707, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 707
; LENGTH: 185766
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-707

Query Match      71.7%; Score 17.2; DB 3; Length 185766;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 14087 TTATTTAGACACTTCTTCCAAA 14108

RESULT 15
US-09-949-016-13840/c
; Sequence 13840, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
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; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13840
; LENGTH: 276687
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(276687)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-13840

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Query Match          71.7%; Score 17.2; DB 3; Length 276687;
Best Local Similarity 86.4%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy      2 TTATGTAGACAGTCTTTCAA 23
Db      43890 TTATGTATACATGCTTTTAA 43869

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Search completed: April 1, 2006, 18:30:47
Job time : 81.3103 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 557.517 Seconds
(without alignments)
355.980 Million cell updates/sec

Title: US-10-007-255-9

Perfect score: 24

Sequence: 1 cttatgtagacacgtctttcaag 24

Scoring table: GAPOP 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:
1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*
4: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*
6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*
7: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*
8: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq.*
9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq.*
10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	24	100.0	24	9 US-10-007-255-9	Sequence 9, Appli
2	24	100.0	24	9 US-10-007-255-26	Sequence 26, Appli
3	24	100.0	633	8 US-10-482-433A-3	Sequence 3, Appli
4	24	100.0	645	4 US-09-925-065A-860766	Sequence 860766,
5	24	100.0	2932	8 US-10-473-126-37	Sequence 37, Appli
6	24	100.0	10200	9 US-10-415-607-5	Sequence 5, Appli
7	24	100.0	177380	8 US-10-484-577-683	Sequence 683, App
8	23	95.8	23	9 US-10-007-255-51	Sequence 51, Appli
9	23	95.8	23	9 US-10-007-255-55	Sequence 55, Appli
10	22	91.7	22	9 US-10-007-255-52	Sequence 52, Appli
11	22	91.7	22	9 US-10-007-255-56	Sequence 56, Appli
12	21	87.5	21	9 US-10-007-255-53	Sequence 53, Appli
13	21	87.5	21	9 US-10-007-255-54	Sequence 54, Appli
14	21	87.5	21	9 US-10-007-255-57	Sequence 57, Appli
15	20	83.3	20	9 US-10-007-255-58	Sequence 58, Appli
16	19.8	82.5	633	8 US-10-482-433A-6	Sequence 24, Appli
17	19.8	82.5	2932	7 US-10-451-646-24	Sequence 24, Appli
18	19.8	82.5	2932	8 US-10-473-126-167	Sequence 167, App
19	19.8	82.5	2932	7 US-10-473-126-167	Sequence 167, App
20	19	79.2	19	9 US-10-965-348-240	Sequence 240, App
21	19	79.2	19	9 US-10-965-348-242	Sequence 242, App
22	18.8	78.3	562	4 US-09-925-065A-374461	Sequence 374461,
23	18.6	77.5	19	8 US-10-484-577-507	Sequence 507, App
24	18.6	77.5	19	8 US-10-484-577-508	Sequence 508, App

c	24	18.6	77.5	19	9	US-10-965-348-241	Sequence 241, App
	25	18.6	77.5	19	9	US-10-965-348-243	Sequence 243, App
	26	18.2	75.8	491	7	US-10-437-963-86300	Sequence 86300, A
c	27	18.2	75.8	494	3	US-09-770-961-577	Sequence 577, App
	28	18.2	75.8	520	8	US-10-357-930-19156	Sequence 19156, A
c	29	18.2	75.8	520	8	US-10-357-930-54995	Sequence 54995, A
	30	18.2	75.8	600	9	US-10-972-079-71234	Sequence 71234, A
	31	18.2	75.8	600	9	US-10-972-079-71235	Sequence 71235, A
c	32	18.2	75.8	600	9	US-10-972-079-93257	Sequence 93257, A
	33	18.2	75.8	642	8	US-10-357-930-48960	Sequence 48960, A
	34	18.2	75.8	662	4	US-09-925-065A-810971	Sequence 810971,
	35	18.2	75.8	1504	7	US-10-437-963-86301	Sequence 86301, A
	36	18.2	75.8	2932	8	US-10-473-126-168	Sequence 168, App
c	37	18.2	75.8	2932	8	US-10-473-126-313	Sequence 313, App
	38	17.8	74.2	619	4	US-09-925-065A-5545	Sequence 5545, App
	39	17.8	74.2	619	4	US-09-925-065A-5546	Sequence 5546, App
	40	17.8	74.2	619	4	US-09-925-065A-5547	Sequence 5547, App
	41	17.8	74.2	619	5	US-10-027-632-8632	Sequence 8632, App
	42	17.8	74.2	619	6	US-10-027-632-8632	Sequence 8632, App
	43	17.8	74.2	665	5	US-10-027-632-99405	Sequence 99405, A
	44	17.8	74.2	665	5	US-10-027-632-99406	Sequence 99406, A
	45	17.8	74.2	665	6	US-10-027-632-99405	Sequence 99405, A

ALIGNMENTS

RESULT 1
US-10-007-255-9
; Sequence 9, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-9

Query Match 100.0%; Score 24; DB 9; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.18;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGTCTTTCAAG 24
Db 1 CTTATGTAGACACGTCTTTCAAG 24

RESULT 2
US-10-007-255-26/c
; Sequence 26, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA

; ORGANISM: homo sapiens
US-10-007-255-26

Query Match 100.0%; Score 24; DB 9; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.18;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
DB 24 CTTATGTAGACACGCTCTTTCAAAG 1

RESULT 3

US-10-482-433A-3/c
; Sequence 3, Application US/10482433A
; Publication No. US20040265814A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method for the detection of cytosine methylation by comparative analysis of amplicates
; FILE REFERENCE: 82174
; CURRENT APPLICATION NUMBER: US/10/482,433A
; CURRENT FILING DATE: 2003-12-29
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 633
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification Product of MARI-Fragment
US-10-482-433A-3

Query Match 100.0%; Score 24; DB 8; Length 633;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
DB 211 CTTATGTAGACACGCTCTTTCAAAG 188

RESULT 4

US-09-925-065A-860766/c
; Sequence 860766, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 860766
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-860766

Query Match 100.0%; Score 24; DB 4; Length 645;
Best Local Similarity 100.0%; Pred. No. 0.31;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
DB 164 CTTATGTAGACACGCTCTTTCAAAG 141

RESULT 5

US-10-473-126-37/c
; Sequence 37, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell proliferation disorders
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 37
; LENGTH: 2932
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-37

Query Match 100.0%; Score 24; DB 8; Length 2932;
Best Local Similarity 100.0%; Pred. No. 0.4;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
DB 828 CTTATGTAGACACGCTCTTTCAAAG 805

RESULT 6

US-10-415-607-5/c
; Sequence 5, Application US/10415607
; Publication No. US20050076397A1
; GENERAL INFORMATION:
; APPLICANT: Liddle, Christopher
; APPLICANT: Goodwin, Bryan J.
; APPLICANT: Robertson, Graham
; TITLE OF INVENTION: P450 GENE REGULATION
; FILE REFERENCE: A-72251/RFT
; CURRENT APPLICATION NUMBER: US/10/415,607
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/AU01/01407
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 10200
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-415-607-5

Query Match 100.0%; Score 24; DB 9; Length 10200;
Best Local Similarity 100.0%; Pred. No. 0.49;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
|||||
DB 9051 CTTATGTAGACACGCTCTTTCAAAG 9028

RESULT 7

US-10-484-577-683/c
; Sequence 683, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft

```
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; PRIOR FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 683
; LENGTH: 177380
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-683

Query Match      100.0%; Score 24; DB 8; Length 177380;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
Db 140580 CTTATGTAGACACGCTCTTTCAAAG 140557

RESULT 8
US-10-007-255-51/c
; Sequence 51, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 51
; LENGTH: 23
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-51

Query Match      95.8%; Score 23; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.54;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 23
Db 23 CTTATGTAGACACGCTCTTTCAA 1

RESULT 9
US-10-007-255-55/c
; Sequence 55, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 23
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-55

Query Match      95.8%; Score 23; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.54;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 23
Db 23 CTTATGTAGACACGCTCTTTCAA 1

RESULT 10
US-10-007-255-52/c
; Sequence 52, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-52

Query Match      91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 22
Db 22 CTTATGTAGACACGCTCTTTCAA 1

RESULT 11
US-10-007-255-56/c
; Sequence 56, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-56

Query Match      91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 22
Db 22 CTTATGTAGACACGCTCTTTCAA 1

RESULT 12
US-10-007-255-53/c
; Sequence 53, Application US/10007255
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; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-53

Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCA 21
Db 21 CTTATGTAGACACGCTCTTTCA 1

RESULT 13
US-10-007-255-54/c
; Sequence 54, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-54

Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCA 21
Db 21 CTTATGTAGACACGCTCTTTCA 1

RESULT 14
US-10-007-255-57/c
; Sequence 57, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
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US-10-007-255-57

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Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 4 ATGTAGACACGCTCTTTCAAAG 24
Db 21 ATGTAGACACGCTCTTTCAAAG 1
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RESULT 15

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US-10-007-255-58/c
; Sequence 58, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
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; APPLICANT: Colgan, Sean
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; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-58
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Query Match      83.3%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 5 TGTAGACACGCTCTTTCAAAG 24
Db 20 TGTAGACACGCTCTTTCAAAG 1
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Search completed: April 2, 2006, 11:52:25
Job time : 558.517 secs
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; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 374461
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-374461

Query Match      78.3%; Score 18.8; DB 6; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  TATGTAGACACGTCCTTTCAAAG 24
Db      323 TATGTAGACATGCGCTTTCAAAG 302
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RESULT 3
US-10-301-480-444302/c
; Sequence 444302, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 444302
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-444302

Query Match      78.3%; Score 18.8; DB 10; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  TATGTAGACACGTCCTTTCAAAG 24
Db      323 TATGTAGACATGCGCTTTCAAAG 302
          |||||
RESULT 4
US-10-301-480-1057711/c
; Sequence 1057711, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1057711
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1057711

Query Match      78.3%; Score 18.8; DB 10; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  TATGTAGACACGTCCTTTCAAAG 24
Db      323 TATGTAGACATGCGCTTTCAAAG 302
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RESULT 5
US-10-301-480-596734/c
; Sequence 596734, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 596734
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-596734

Query Match      78.3%; Score 18.8; DB 10; Length 1000;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  TATGTAGACACGTCCTTTCAAAG 24
Db      914 TATGTAGACATGCGCTTTCAAAG 893
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RESULT 6
US-10-301-480-1210143/c
; Sequence 1210143, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
```



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; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1210143
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-301-480-1210143

Query Match      78.3%; Score 18.8; DB 10; Length 1000;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTCAAG 24
Db 914 TATGTAGACATGCCCTTCAAG 893

RESULT 7
US-09-925-065A-810971
; Sequence 810971, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 810971
; LENGTH: 662
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-810971

Query Match      75.8%; Score 18.2; DB 6; Length 662;
Best Local Similarity 87.0%; Pred. No. 70;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTCAAG 24
Db 227 TTATGTATCCACGCTGTTTCAAG 249

RESULT 8
US-09-925-065A-5545
; Sequence 5545, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766

; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5545
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-5546

Query Match      74.2%; Score 17.8; DB 6; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTCAAA 23
Db 523 TATGAAGACACGCTGTTTCAAA 543

RESULT 9
US-09-925-065A-5546
; Sequence 5546, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5546
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-5546

Query Match      74.2%; Score 17.8; DB 6; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTCAAA 23
Db 523 TATGAAGACACGCTGTTTCAAA 543

RESULT 10
US-09-925-065A-5547
; Sequence 5547, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
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; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5547
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-5547

Query Match 74.2%; Score 17.8; DB 6; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
|||||
Db 523 TATGAAGACACGTTTCAA 543

RESULT 11
US-10-301-480-106782
; Sequence 106782, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106782
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-106782

Query Match 74.2%; Score 17.8; DB 9; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
|||||
Db 523 TATGAAGACACGTTTCAA 543

RESULT 12
US-10-301-480-106783
; Sequence 106783, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106783

; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-106783

Query Match 74.2%; Score 17.8; DB 9; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
|||||
Db 523 TATGAAGACACGTTTCAA 543

RESULT 13
US-10-301-480-106784
; Sequence 106784, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106784
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-106784

Query Match 74.2%; Score 17.8; DB 9; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
|||||
Db 523 TATGAAGACACGTTTCAA 543

RESULT 14
US-10-301-480-720191
; Sequence 720191, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 720191
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-720191

Query Match 74.2%; Score 17.8; DB 10; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
Db 523 TATGAAGACACGCTTTTCAA 543

RESULT 15
US-10-301-480-720192
; Sequence 720192, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; TITLE OF INVENTION: in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 720192
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-720192

Query Match 74.2%; Score 17.8; DB 10; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23
Db 523 TATGAAGACACGCTTTTCAA 543

Search completed: April 2, 2006, 01:44:32
Job time : 493.966 secs

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	Score	Match	Length		
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C 2	25	100.0	351	2	US-08-439-814-6
C 3	25	100.0	568	2	US-08-439-814-4
C 4	25	100.0	1318	2	US-08-439-814-3
C 5	25	100.0	1688	2	US-08-439-814-2
C 6	25	100.0	2090	2	US-08-439-814-1
C 7	25	100.0	4646	2	US-08-181-471-2
C 8	25	100.0	4646	3	US-09-023-655-1167
C 9	25	100.0	4669	2	US-08-583-276-18
C 10	25	100.0	4669	9	5206352-3
C 11	23.4	93.6	4669	2	US-08-752-447-1
C 12	23.4	93.6	4669	3	US-09-316-167-1
C 13	23.4	93.6	4669	3	US-09-397-233-1
C 14	20	80.0	20	2	US-08-487-141B-2
C 15	20	80.0	20	2	US-08-927-561-2
C 16	20	80.0	20	6	PTC-US96-09388-2
C 17	19.4	77.6	951	3	US-09-902-540-5524
C 18	19.4	77.6	41768	3	US-09-902-540-1266
C 19	18.8	75.2	18195	3	US-09-902-540-1179
C 20	18.6	74.4	342	3	US-09-513-998C-13841
C 21	18.6	74.4	601	3	US-09-949-016-174342
C 22	18.6	74.4	601	3	US-09-949-016-174534
C 23	18.6	74.4	41171	3	US-08-311-731A-122
C 24	18.6	74.4	126237	3	US-09-949-016-16674
C 25	18.6	74.4	126237	3	US-09-949-016-16674
C 26	18.6	74.4	126237	3	US-09-949-016-16674
C 27	18.6	74.4	126237	3	US-09-949-016-16674
C 28	18.6	74.4	126237	3	US-09-949-016-16674
C 29	18.6	74.4	126237	3	US-09-949-016-16674
C 30	18.6	74.4	126237	3	US-09-949-016-16674
C 31	18.6	74.4	126237	3	US-09-949-016-16674
C 32	18.6	74.4	126237	3	US-09-949-016-16674
C 33	18.6	74.4	126237	3	US-09-949-016-16674
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C 35	18.6	74.4	126237	3	US-09-949-016-16674
C 36	18.6	74.4	126237	3	US-09-949-016-16674
C 37	18.6	74.4	126237	3	US-09-949-016-16674
C 38	18.6	74.4	126237	3	US-09-949-016-16674
C 39	18.6	74.4	126237	3	US-09-949-016-16674
C 40	18.6	74.4	126237	3	US-09-949-016-16674
C 41	18.6	74.4	126237	3	US-09-949-016-16674
C 42	18.6	74.4	126237	3	US-09-949-016-16674
C 43	18.6	74.4	126237	3	US-09-949-016-16674
C 44	18.6	74.4	126237	3	US-09-949-016-16674
C 45	18.6	74.4	126237	3	US-09-949-016-16674
C 46	18.6	74.4	126237	3	US-09-949-016-16674
C 47	18.6	74.4	126237	3	US-09-949-016-16674
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C 54	18.6	74.4	126237	3	US-09-949-016-16674
C 55	18.6	74.4	126237	3	US-09-949-016-16674
C 56	18.6	74.4	126237	3	US-09-949-016-16674
C 57	18.6	74.4	126237	3	US-09-949-016-16674
C 58	18.6	74.4	126237	3	US-09-949-016-16674
C 59	18.6	74.4	126237	3	US-09-949-016-16674
C 60	18.6	74.4	126237	3	US

;
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-5

Query Match 100.0%; Score 25; DB 2; Length 351;
Best Local Similarity 100.0%; Pred. No. 0.8;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCCGCCCGCGCGCTG 25
|||||
Db 170 GTGCTCAGCCCGCCCGCGCGCTG 146

RESULT 2
US-08-439-814-6/c
; Sequence 6, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIIDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993

;
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-6

Query Match 100.0%; Score 25; DB 2; Length 351;
Best Local Similarity 100.0%; Pred. No. 0.8;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCCGCCCGCGCGCTG 25
|||||
Db 170 GTGCTCAGCCCGCCCGCGCGCTG 146

RESULT 3
US-08-439-814-4/c
; Sequence 4, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIIDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-439-814-4

Query Match 100.0%; Score 25; DB 2; Length 568;
Best Local Similarity 100.0%; Pred. No. 0.78;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
DB 414 GTGCTCAGCCACGCCCGCGGCTG 390

RESULT 4

US-08-439-814-3/c
; Sequence 3, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI DO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993

ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B (EPO)

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993

INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1318 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-439-814-3

Query Match 100.0%; Score 25; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.76;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-439-814-2

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-439-814-4

Query Match 100.0%; Score 25; DB 2; Length 568;
Best Local Similarity 100.0%; Pred. No. 0.78;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
DB 414 GTGCTCAGCCACGCCCGCGGCTG 390

RESULT 5

US-08-439-814-2/c
; Sequence 2, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI DO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993

ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B (EPO)

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993

INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1688 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-439-814-2

Query Match 100.0%; Score 25; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.76;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-439-814-3

QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
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Db 1534 GTGCTCAGCCACGCCCCCGCGCTG 1510

RESULT 6
US-08-439-814-1/c
; Sequence 1, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKALDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2090 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-1

Query Match 100.0%; Score 25; DB 2; Length 2090;
Best Local Similarity 100.0%; Pred. No. 0.75;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
|||||
Db 1936 GTGCTCAGCCACGCCCCCGCGCTG 1912

RESULT 7
US-08-181-471-2/c
; Sequence 2, Application US/08181471
; Patent No. 5641508
; GENERAL INFORMATION:
; APPLICANT: Li, Lingna
; APPLICANT: Lishko, Valeryi K.
; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,471
; FILING DATE: 13-JAN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/041,553
; FILING DATE: 02-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: ANT0029P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4267
US-08-181-471-2
Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
|||||
Db 251 GTGCTCAGCCACGCCCCCGCGCTG 227
RESULT 8
US-09-023-655-1167/c
; Sequence 1167, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:


```

; ADDRESS: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g187468
; US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCCAAGCCCGCGCTG 25
|||
Db 251 GTGCTCAGCCCAAGCCCGCGCTG 227

RESULT 9
US-08-583-276-18/c
; Sequence 18, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,276

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; FILING DATE: 05-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/332,444
; FILING DATE: 31-OCT-1994
; APPLICATION NUMBER: 07/887,712
; FILING DATE: 22-MAY-1992
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 bases
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: Genomic DNA
; US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCCAAGCCCGCGCTG 25
|||
Db 251 GTGCTCAGCCCAAGCCCGCGCTG 227

RESULT 10
5206352-3/c
; Patent No. 5206352
; APPLICANT: Robinson, Igor B.; Pastan Ira H.; Gottesman,
; Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:3
; LENGTH: 4669
; 5206352-3

Query Match 100.0%; Score 25; DB 9; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCCAAGCCCGCGCTG 25
|||
Db 251 GTGCTCAGCCCAAGCCCGCGCTG 227

RESULT 11
US-08-752-447-1/c
; Sequence 1, Application US/08752447
; Patent No. 5994088
; GENERAL INFORMATION:
; APPLICANT: Mechetner, Eugene
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; TITLE OF INVENTION: Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehrnen Hulbert & Berghoff Ltd.
; STREET: 300 South Wacker Drive, Seventh Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:

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Query Match 93.6%; Score 23.4; DB 3; Length 4669;
Best Local Similarity 96.0%; Pred. No. 3;
Matches 24: Conservative 0; Mismatches 1; Indels 0

Query Match 93.6%; Score 23
Best Local Similarity 96.0%; Pred. No
Matches 24; Conservative 0; Mismat

Qy 1 GTGCTCAGCCACGCCCCCGCGCTG 25

Db 251 GCCTTCAGCCACGCCCCCGCGCTG 22

US-09-397-233-1/c
; Sequence 1, App:

APPLICANT: Mechetner, Eugene

TITLE OF INVENTION: Methods and Reagents for Preparing and Using Immunological Agents Specific for P-glycoprotein

NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESS: Mcdonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/397,233
FILING DATE: 16-Sep-1999
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: No. 663032/nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 95,1121-C

TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4669 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:

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; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-397-233-1
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Query Match          93.6%; Score 23.4; DB 3; Length 4669;
Best Local Similarity 96.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 1 GTGCTCAGCCACGCCCGCGCGCTG 25
Db 251 GGGCTCAGCCACGCCCGCGCGCTG 227
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```

RESULT 14
US-08-487-141B-2
; Sequence 2, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-487-141B-2
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Query Match          80.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 GTGCTCAGCCACGCCCGCGG 20
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RESULT 15
US-08-927-561-2
; Sequence 2, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-927-561-2
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Query Match          80.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 GTGCTCAGCCACGCCCGCGG 20
Db 1 GTGCTCAGCCACGCCCGCGG 20
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds
(without alignments)
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Title: US-10-007-255-10
Perfect score: 25
Sequence: 1 gtgctcagccacgccccggcgctg 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA_Main:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	25	100.0	424	9	US-10-794-514A-650
4	25	100.0	633	8	US-10-482-433A-3
5	25	100.0	645	4	US-09-925-065A-860766
6	25	100.0	2307	3	US-09-805-020-31
7	25	100.0	2932	8	US-10-473-126-37
8	25	100.0	4533	3	US-09-805-020-30
9	25	100.0	4643	5	US-10-072-621-2
10	25	100.0	4643	5	US-10-097-340-1
11	25	100.0	4643	6	US-10-007-926A-258
12	25	100.0	4643	10	US-11-050-926-1
13	25	100.0	4646	3	US-09-968-007A-459
14	25	100.0	4646	3	US-09-968-007A-747
15	25	100.0	4646	7	US-10-641-643-1167
16	25	100.0	4646	7	US-10-343-657-1
17	25	100.0	4646	8	US-10-775-169-198
18	25	100.0	4646	9	US-10-843-641A-6929
19	25	100.0	4646	9	US-10-843-641A-7217
20	25	100.0	4646	9	US-10-505-680-164
21	25	100.0	4646	9	US-10-794-514A-392
22	25	100.0	4646	9	US-10-007-255-1
23	25	100.0	10200	9	US-10-415-607-5

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c 24      25      100.0 177380 8  US-10-484-577-683      Sequence 683, App
c 25      23.4      93.6  4669 7  US-10-680-516-1      Sequence 1, Appli
c 26      20.2      80.8   39  9  US-10-007-255-49      Sequence 49, Appli
c 27      19.2      76.8  2692 3  US-09-880-107-3828      Sequence 3828, Ap
c 28      19.2      76.8  2692 3  US-09-968-007A-755      Sequence 755, App
c 29      19.2      76.8  2692 9  US-10-843-641A-7225      Sequence 7225, Ap
c 30      18.6      74.4   556 3  US-09-864-761-13425      Sequence 13425, A
c 31      18.6      74.4   604 8  US-10-357-930-56850      Sequence 56850, A
c 32      18.6      74.4   706 7  US-10-767-701-5342      Sequence 5342, Ap
c 33      18.6      74.4  1188 4  US-09-925-065A-725554      Sequence 725554,
c 34      18.6      74.4  6073 5  US-10-024-623-16      Sequence 16, Appli
c 35      18.6      74.4  6073 6  US-10-154-419-66      Sequence 66, Appli
c 36      18.6      74.4  6073 6  US-10-146-733-61      Sequence 61, Appli
c 37      18.4      73.6   867 7  US-10-437-963-12083      Sequence 12083, A
c 38      18.4      73.6  4446 7  US-10-282-122A-17493      Sequence 17493, A
c 39      18.4      73.6  28049 7  US-10-322-281-544      Sequence 544, App
c 40      18.2      72.8   323 8  US-10-425-115-63236      Sequence 63236, A
c 41      18.2      72.8   388 5  US-10-224-260-1      GENERAL INFORMA
c 42      18.2      72.8   504 6  US-10-029-386-7696      Sequence 7696, Ap
c 43      18.2      72.8   602 7  US-10-767-701-8299      Sequence 8299, Ap
c 44      18.2      72.8   606 4  US-09-925-065A-948695      Sequence 948695,
c 45      18.2      72.8   633 8  US-10-482-433A-6

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ALIGNMENTS

RESULT 1

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US-10-007-255-10
; Sequence 10, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-10

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```

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.77;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1  GTGCTCAGCCACGCCCGCGCGCTG 25
      |||||
Db      1  GTGCTCAGCCACGCCCGCGCGCTG 25

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RESULT 2

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US-10-007-255-27/c
; Sequence 27, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 25
; TYPE: DNA

```

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; ORGANISM: homo sapiens
US-10-007-255-27

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.77; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
    |||||
Db 25 GTGCTCAGCCACGCCCGCGGCTG 1

RESULT 3
US-10-794-514A-650/c
; Sequence 650, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Danir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 650
; LENGTH: 424
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-650

Query Match      100.0%; Score 25; DB 9; Length 424;
Best Local Similarity 100.0%; Pred. No. 0.37; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
    |||||
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 4
US-10-482-433A-3/c
; Sequence 3, Application US/10482433A
; Publication No. US20040265814A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method for the detection of cytosine methylation by comparative
; TITLE OF INVENTION: analysis of single strands of amplicates
; FILE REFERENCE: 82174
; CURRENT APPLICATION NUMBER: US/10/482,433A
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: DE 10132212.7
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 633
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification Product of MdRI-Fragment
US-10-482-433A-3

Query Match      100.0%; Score 25; DB 8; Length 633;
Best Local Similarity 100.0%; Pred. No. 0.34; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
    |||||
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Db 422 GTGCTCAGCCACGCCCGCGGCTG 398

RESULT 5
US-09-925-065A-860766/c
; Sequence 860766, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 860766
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-860766

Query Match      100.0%; Score 25; DB 4; Length 645;
Best Local Similarity 100.0%; Pred. No. 0.34; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
    |||||
Db 375 GTGCTCAGCCACGCCCGCGGCTG 351

RESULT 6
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)-(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31

Query Match      100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.24; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25
    |||||
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 7
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US-10-473-126-37/c
; Sequence 37, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 37
; LENGTH: 2932
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-37

Query Match      100.0%; Score 25; DB 8; Length 2932;
Best Local Similarity 100.0%; Pred. No. 0.23;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 1039 GTGCTCAGCCACGCCCGCGGCTG 1015

RESULT 8
US-09-805-020-30/c
; Sequence 30, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-30

Query Match      100.0%; Score 25; DB 3; Length 4533;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 9
US-10-072-621-2/c
; Sequence 2, Application US/10072621
; Publication No. US20020169137A1
; GENERAL INFORMATION:
; APPLICANT: Reiner, Peter B.
; APPLICANT: Connop, Bruce P.
; APPLICANT: Pollard, Michelle
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
; FILE REFERENCE: 100103.402
; CURRENT APPLICATION NUMBER: US/10/072,621
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 11
US-10-007-926A-258/c

US-10-072-621-2
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-072-621-2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 10
US-10-097-340-1/c
; Sequence 1, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy Of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-340-1

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 11
US-10-007-926A-258/c
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; Sequence 258, Application US/10007926A
; Publication No. US20030143539A1
; GENERAL INFORMATION:
; APPLICANT: BERTUCCI, FRANCOIS
; APPLICANT: HOULGAITE, REMI
; APPLICANT: BIRNBAUM, DANIEL
; APPLICANT: NGUYEN, CATHERINE
; APPLICANT: VIENS, PATRICE
; APPLICANT: FERT, VINCENT
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS
; TITLE OF INVENTION: USING ARRAYS OF CANDIDATE GENES
; FILE REFERENCE: 1546-R-00
; CURRENT APPLICATION NUMBER: US/10/007,926A
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: 60/254,090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 468
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 258
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: atp-binding cassette, sub-family b
; OTHER INFORMATION: (mdx/tap), member 1 (ABCB1) gene.
US-10-007-926A-258

Query Match      100.0%; Score 25; DB 6; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGCTCAGCCACGCCCGCGCGTG 25
      |||||||
DB      251 GTGCTCAGCCACGCCCGCGCGTG 227

RESULT 12
US-11-050-926-1/c
; Sequence 1, Application US/11050926
; Publication No. US20050214831A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/11/050,926
; CURRENT FILING DATE: 2005-02-04
; PRIOR FILING DATE: 2002-03-14
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
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; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-050-926-1

Query Match      100.0%; Score 25; DB 10; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGCTCAGCCACGCCCGCGCGCTG 25
      |||||||
DB      251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 13
US-09-968-007A-459/c
; Sequence 459, Application US/09968007A
; Publication No. US20040115625A1
; GENERAL INFORMATION:
; APPLICANT: Ebner, Reinhard
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal
; TITLE OF INVENTION: Gene Sets
; FILE REFERENCE: 689290-71
; CURRENT APPLICATION NUMBER: US/09/968,007A
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,173
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,278
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,294
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 459
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-968-007A-459

Query Match      100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGCTCAGCCACGCCCGCGCGCTG 25
      |||||||
DB      251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 14
US-09-968-007A-747/c
; Sequence 747, Application US/09968007A
; Publication No. US20040115625A1
; GENERAL INFORMATION:
; APPLICANT: Ebner, Reinhard
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal
; TITLE OF INVENTION: Gene Sets
; FILE REFERENCE: 689290-71
; CURRENT APPLICATION NUMBER: US/09/968,007A
; CURRENT FILING DATE: 2001-10-02
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; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,173
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,278
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,294
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 747
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-968-007A-747

Query Match      100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTGCTCAGCCACGCCCGCGGCTG 25
        |||||
Db      251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 15
US-10-641-1167/c
; Sequence 1167, Application US/10641643
; Publication No. US2004007003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
;           Susan G. Stuart
;           Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
;                   GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
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; LIBRARY: GENBANK
; CLONE: g187468
; SEQUENCE DESCRIPTION: SEQ ID NO: 1167 :
US-10-641-643-1167

Query Match      100.0%; Score 25; DB 7; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTGCTCAGCCACGCCCGCGGCTG 25
        |||||
Db      251 GTGCTCAGCCACGCCCGCGGCTG 227

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds
(without alignments)
194.399 Million cell updates/sec

Title: US-10-007-255-10
Perfect score: 25
Sequence: 1 gtgctcagccacgccccgcgctg 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA New:

- 1: /SIDSS/ptodata/2/pubpna/US08_NEW_PUB.seq.*
- 2: /SIDSS/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 3: /SIDSS/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 4: /SIDSS/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 5: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 6: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 7: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 8: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 9: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 10: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 11: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 12: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 13: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 14: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 15: /SIDSS/ptodata/2/pubpna/US60_NEW_PUB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	645	6	US-09-925-065A-860766
C 2	25	100.0	4646	8	US-10-775-169-198
C 3	25	100.0	4646	14	US-11-045-578-5
C 4	18.6	74.4	1188	6	US-09-925-065A-725554
5	18.2	72.8	606	6	US-09-925-065A-948695
6	18.2	72.8	848	6	US-09-925-065A-926155
7	18.2	72.8	848	6	US-09-925-065A-948692
8	18.2	72.8	848	6	US-09-925-065A-948693
9	18.2	72.8	848	6	US-09-925-065A-948694
10	18	72.0	18	8	US-10-310-914A-41993
11	17.6	70.4	551	6	US-09-925-065A-301707
12	17.6	70.4	553	10	US-10-301-480-378012
13	17.6	70.4	553	10	US-10-301-480-991421
14	17.6	70.4	575	6	US-09-925-065A-367595
15	17.6	70.4	575	6	US-09-925-065A-367596
16	17.6	70.4	586	10	US-10-301-480-437906
17	17.6	70.4	586	10	US-10-301-480-437907
18	17.6	70.4	586	10	US-10-301-480-1051315

19	17.6	70.4	586	10	US-10-301-480-1051316
20	17.6	70.4	600	8	US-10-750-185-3510
21	17.6	70.4	600	8	US-10-750-623-3510
C 22	17.6	70.4	860	6	US-09-925-065A-81095
C 23	17.6	70.4	860	9	US-10-301-480-182334
C 24	17.6	70.4	860	10	US-10-301-480-795743
C 25	17.6	70.4	1239	8	US-10-858-730-153
26	17.6	70.4	1600	8	US-10-750-185-57179
27	17.6	70.4	1600	8	US-10-750-623-57179
28	17.6	70.4	1898	8	US-10-750-185-53039
29	17.6	70.4	1898	8	US-10-750-623-53039
30	17.4	69.6	1528	8	US-10-750-185-55447
31	17.4	69.6	1528	8	US-10-750-623-55447
32	17.2	68.8	583	6	US-09-925-065A-759697
33	17.2	68.8	583	6	US-09-925-065A-800151
C 34	17.2	68.8	608	6	US-09-925-065A-811255
35	17.2	68.8	743	11	US-11-096-568A-15206
36	17.2	68.8	1315	9	US-10-301-480-25543
37	17.2	68.8	1315	10	US-10-301-480-638952
38	17.2	68.8	1438	6	US-09-925-065A-691748
39	17.2	68.8	1438	6	US-09-925-065A-691749
C 40	17.2	68.8	1439	6	US-09-925-065A-680223
C 41	17.2	68.8	65885	8	US-10-995-561-13490
C 42	17	68.0	458	6	US-09-925-065A-758375
C 43	17	68.0	468	6	US-09-925-065A-254466
C 44	17	68.0	469	8	US-10-955-054A-99
C 45	17	68.0	477	10	US-10-301-480-333383

ALIGNMENTS

RESULT 1

US-09-925-065A-860766/c
; Sequence 860766, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 860766
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-860766

Query Match 100.0%; Score 25; DB 6; Length 645;
Best Local Similarity 100.0%; Pred. No. 0.84;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGCTG 25

Db 375 GTGCTCAGCCACGCCCGCGCTG 351

RESULT 2

US-10-775-169-198/c
; Sequence 198, Application US/10775169

; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match 100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.63; Length 4646;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
|||||
Db 251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 3
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDR1
US-11-045-578-5

Query Match 100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.63; Length 4646;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
|||||
Db 251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 4
US-09-925-065A-725554
; Sequence 725554, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 725554
; LENGTH: 1188
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-725554

Query Match 74.4%; Score 18.6; DB 6; Length 1188;
Best Local Similarity 84.0%; Pred. No. 2.5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
|||||
Db 838 GTGCTCAGCCATGCCCGCGCGCTG 862

RESULT 5
US-09-925-065A-948695
; Sequence 948695, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948695
; LENGTH: 606
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948695

Query Match 72.8%; Score 18.2; DB 6; Length 606;
Best Local Similarity 87.0%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 23
|||||
Db 196 GTGCTCAGCCCGCGCGCGCTG 218

RESULT 6
US-09-925-065A-926155
; Sequence 926155, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

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; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 926155
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-926155
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCCCGCGCGCGC 693
```

RESULT 7

```
US-09-925-065A-948692
; Sequence 948692, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948692
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948692
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCCCGCGCGCGC 693
```

RESULT 8

```
US-09-925-065A-948693
; Sequence 948693, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948693
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948693
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCCCGCGCGCGC 693
```

RESULT 9

```
US-09-925-065A-948694
; Sequence 948694, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948694
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948694
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```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCCCGCGCGCGC 693
```

RESULT 10

```
US-10-310-914A-41993
```

```
; Sequence 41993, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shifer, Kvazat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 41993
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-41993

Query Match          72.0%; Score 18; DB 8; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 CAGCCACGCGCGCGGC 23
DB      1 CAGCCACGCGCGCGGC 18

RESULT 11
US-09-925-065A-301707
; Sequence 301707, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 301707
; LENGTH: 551
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-301707

Query Match          70.4%; Score 17.6; DB 6; Length 551;
Best Local Similarity 83.3%; Pred. No. 6.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 TGCTCAGCCACGCGCGCGCTG 25
DB      128 TGCTCAGCCACGCGCGCGCTG 151

RESULT 12
US-10-301-480-378012
; Sequence 378012, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE OF INVENTION: in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 378012
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-378012

Query Match          70.4%; Score 17.6; DB 10; Length 553;
Best Local Similarity 83.3%; Pred. No. 6.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 TGCTCAGCCACGCGCGCGCTG 25
DB      128 TGCTCAGCCACGCGCGCGCTG 151

RESULT 13
US-10-301-480-991421
; Sequence 991421, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE OF INVENTION: in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 991421
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-991421

Query Match          70.4%; Score 17.6; DB 10; Length 553;
Best Local Similarity 83.3%; Pred. No. 6.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 TGCTCAGCCACGCGCGCGCTG 25
DB      128 TGCTCAGCCACGCGCGCGCTG 151

RESULT 14
US-09-925-065A-367595
; Sequence 367595, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
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```
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 378012
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-378012

Query Match          70.4%; Score 17.6; DB 10; Length 553;
Best Local Similarity 83.3%; Pred. No. 6.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 TGCTCAGCCACGCGCGCGCTG 25
DB      128 TGCTCAGCCACGCGCGCGCTG 151

RESULT 13
US-10-301-480-991421
; Sequence 991421, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE OF INVENTION: in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 991421
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-991421

Query Match          70.4%; Score 17.6; DB 10; Length 553;
Best Local Similarity 83.3%; Pred. No. 6.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 TGCTCAGCCACGCGCGCGCTG 25
DB      128 TGCTCAGCCACGCGCGCGCTG 151

RESULT 14
US-09-925-065A-367595
; Sequence 367595, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
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; PRIOR APPLICATION NUMBER: US 60/261,766
 ; PRIOR FILING DATE: 2001-01-16
 ; PRIOR APPLICATION NUMBER: US 60/289,846
 ; PRIOR FILING DATE: 2001-05-09
 ; NUMBER OF SEQ ID NOS: 957086
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 367595
 ; LENGTH: 575
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-925-065A-367595

Query Match 70.4%; Score 17.6; DB 6; Length 575;
 Best Local Similarity 83.3%; Pred. No. 6.7e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 TGCTCAGCCACGCCCGCGCTG 25
 |||||
 Db 283 TGATCAGCCACGCCCGCTGCTG 306

RESULT 15
 US-09-925-065A-367596
 ; Sequence 367596, Application US/09925065A
 ; Publication No. US20040181048A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single
 ; FILE REFERENCE: 108827.135
 ; CURRENT APPLICATION NUMBER: US/09/925,065A
 ; CURRENT FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: US 60/243,096
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 60/252,147
 ; PRIOR FILING DATE: 2000-11-20
 ; PRIOR APPLICATION NUMBER: US 60/250,092
 ; PRIOR FILING DATE: 2000-11-30
 ; PRIOR APPLICATION NUMBER: US 60/261,766
 ; PRIOR FILING DATE: 2001-01-16
 ; PRIOR APPLICATION NUMBER: US 60/289,846
 ; PRIOR FILING DATE: 2001-05-09
 ; NUMBER OF SEQ ID NOS: 957086
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 367596
 ; LENGTH: 575
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-925-065A-367596

Query Match 70.4%; Score 17.6; DB 6; Length 575;
 Best Local Similarity 83.3%; Pred. No. 6.7e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 TGCTCAGCCACGCCCGCGCTG 25
 |||||
 Db 283 TGATCAGCCACGCCCGCTGCTG 306

Search completed: April 2, 2006, 01:44:35
 Job time : 514.506 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 78.4483 Seconds
(without alignments)
566.476 Million cell updates/sec

Title: US-10-007-255-11

Perfect score: 25

Sequence: 1 ccagatctccacgaagcgaggtt 25

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*

1: /cgn2_6/ptodata/1/ina/1 COMB.seq.*

2: /cgn2_6/ptodata/1/ina/5 COMB.seq.*

3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B COMB.seq.*

5: /cgn2_6/ptodata/1/ina/H COMB.seq.*

6: /cgn2_6/ptodata/1/ina/PCUS COMB.seq.*

7: /cgn2_6/ptodata/1/ina/PP COMB.seq.*

8: /cgn2_6/ptodata/1/ina/RE COMB.seq.*

9: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	18.8	75.2	601	3	US-09-949-016-189127
2	18.8	75.2	601	3	US-09-949-016-189128
3	18.6	75.2	76401	3	US-09-949-016-17153
4	18.6	74.4	2028	3	US-09-252-991A-13079
5	18.6	74.4	3525	3	US-09-252-991A-12708
6	18.6	74.4	3906	3	US-09-252-991A-13251
7	18.2	72.8	601	3	US-09-949-016-164913
8	18.2	72.8	1894	2	US-08-615-170-20
9	18.2	72.8	1897	2	US-08-615-170-18
10	18.2	72.8	2087	3	US-09-949-016-4640
11	18.2	72.8	12588	3	US-08-387-942C-1
12	18.2	72.8	36103	3	US-09-949-016-16382
13	18.2	72.8	50850	3	US-09-949-016-15083
14	18.2	72.8	50850	3	US-09-949-016-15084
15	18.2	72.8	50850	3	US-09-949-016-15085
16	18	72.0	601	3	US-09-949-016-21849
17	18	72.0	601	3	US-09-949-016-83767
18	18	72.0	5024	3	US-09-307-143-1
19	18	72.0	5529	3	US-09-949-016-2415
20	18	72.0	6519	2	US-08-588-985-1
21	18	72.0	6519	2	US-08-971-988-1
22	18	72.0	6519	3	US-09-949-016-198
23	18	72.0	455726	3	US-09-949-016-14157
24	18	72.0	481115	3	US-09-949-016-11940

25	17.8	71.2	601	3	US-09-949-016-194250
c 26	17.8	71.2	5523	3	US-09-902-540-3952
c 27	17.8	71.2	22156	3	US-09-902-540-1195
c 28	17.8	71.2	312474	3	US-09-949-016-17434
c 29	17.6	70.4	134434	3	US-09-949-016-17362
c 30	17.4	69.6	1671	3	US-09-902-540-5803
c 31	17.4	69.6	72704	3	US-09-902-540-1273
c 32	17.2	68.8	2181	3	US-09-489-039A-294
c 33	17.2	68.8	7898	3	US-08-984-709A-49
c 34	17.2	68.8	185765	3	US-09-949-002-674
c 35	17.2	68.8	185766	3	US-09-949-002-707
c 36	17	68.0	414	3	US-09-489-039A-295
c 37	17	68.0	467	3	US-09-621-376-2241
c 38	17	68.0	771	3	US-09-489-039A-419
c 39	17	68.0	972	3	US-09-902-540-3354
c 40	17	68.0	1332	3	US-09-489-039A-290
c 41	17	68.0	1396	3	US-10-363-937-31
c 42	17	68.0	4079	3	US-09-016-434-1477
c 43	17	68.0	4353	2	US-08-365-486A-18
c 44	17	68.0	4353	3	US-08-880-342-18
c 45	17	68.0	4378	3	US-09-949-016-1116

ALIGNMENTS

RESULT 1

US-09-949-016-189127

; Sequence 189127, Application US/09949016

; Patent No. 6812339

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001307

; CURRENT APPLICATION NUMBER: US/09/949,016

; CURRENT FILING DATE: 2000-04-14

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/241,755

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/237,768

; PRIOR FILING DATE: 2000-10-03

; PRIOR APPLICATION NUMBER: 60/231,498

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 207012

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 189127

; LENGTH: 601

; TYPE: DNA

; ORGANISM: Human

US-09-949-016-189127

Query Match 75.2% Score 18.8; DB 3; Length 601;

Best Local Similarity 90.9%; Pred. No. 69;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 GCATCTCCACGAAGCGAGGTT 25

|||||

Db 221 GCAGTCCACGAGGCGAGGTT 242

RESULT 2

US-09-949-016-189128

; Sequence 189128, Application US/09949016

; Patent No. 6812339

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001307

; CURRENT APPLICATION NUMBER: US/09/949,016

; CURRENT FILING DATE: 2000-04-14

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/241,755

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189128
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-189128

Query Match 75.2%; Score 18.8; DB 3; Length 601;
Best Local Similarity 90.9%; Pred. No. 69;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCATCTCCAGGAGGCGAGATT 25
||| ||||| ||||| ||||| |||||
DB 309 GCAGCTCCAGGAGGCGAGATT 330

RESULT 3

US-09-949-016-17153/c
; Sequence 17153, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17153
; LENGTH: 76401
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-17153

Query Match 75.2%; Score 18.8; DB 3; Length 76401;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCATCTCCAGGAGGCGAGATT 25
||| ||||| ||||| ||||| |||||
DB 28802 GCAGCTCCAGGAGGCGAGATT 28781

RESULT 4

US-09-252-991A-13079/c
; Sequence 13079, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 13079
; LENGTH: 2028

; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-13079

Query Match 74.4%; Score 18.6; DB 3; Length 2028;
Best Local Similarity 84.0%; Pred. No. 97;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGATT 25
||| ||||| ||||| ||||| |||||
DB 1187 CCAGCTTGTGCAAGGAGGAGATT 1163

RESULT 5

US-09-252-991A-12708
; Sequence 12708, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 12708
; LENGTH: 3525
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-12708

Query Match 74.4%; Score 18.6; DB 3; Length 3525;
Best Local Similarity 84.0%; Pred. No. 1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGATT 25
||| ||||| ||||| ||||| |||||
DB 1998 CCAGCTTGTGCAAGGAGGAGATT 2022

RESULT 6

US-09-252-991A-13251/c
; Sequence 13251, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 13251
; LENGTH: 3906
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-13251

Query Match 74.4%; Score 18.6; DB 3; Length 3906;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGATT 25
||| ||||| ||||| ||||| |||||
DB 2218 CCAGCTTGTGCAAGGAGGAGATT 2194

RESULT 7
US-09-949-016-164913
; Sequence 164913, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164913
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-164913

Query Match 72.8%; Score 18.2; DB 3; Length 601;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23
DB 16 CCAGCACCCTCCACGAAGGCTGAG 38

RESULT 8
US-08-615-170-20/c
; Sequence 20, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEP-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1894 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-615-170-20

Query Match 72.8%; Score 18.2; DB 2; Length 1894;
Best Local Similarity 87.0%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CAGCATCTCCACGAAGGCAGAGT 24
DB 1054 CGGCACCTCCATGAAGGCAGAGT 1032

RESULT 9
US-08-615-170-18/c
; Sequence 18, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEP-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:

/ LENGTH: 1897 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-615-170-18

Query Match 72.8%; Score 18.2; DB 2; Length 1897;
Best Local Similarity 87.0%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CAGCATCTCCAGGAGGAGT 24
| | | | | | | | | | | | | | | | | | | | | |
DB 1057 CGGCACCTCCATGAGGAGT 1035

RESULT 10

US-09-949-016-4640/c
Sequence 4640, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:

/ APPLICANT: VENTER, J. Craig et al.
/ TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
/ FILE REFERENCE: CL001307
/ CURRENT APPLICATION NUMBER: US/09/949,016
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/241,755
/ PRIOR FILING DATE: 2000-10-20
/ PRIOR APPLICATION NUMBER: 60/237,768
/ PRIOR FILING DATE: 2000-10-03
/ PRIOR APPLICATION NUMBER: 60/231,498
/ PRIOR FILING DATE: 2000-09-08
/ NUMBER OF SEQ ID NOS: 207012
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 4640
/ LENGTH: 2087
/ TYPE: DNA
/ ORGANISM: Human
US-09-949-016-4640

Query Match 72.8%; Score 18.2; DB 3; Length 2087;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGAGT 23
| | | | | | | | | | | | | | | | | | | | | |
DB 319 CCAGCACCTCCAGGAGGAGT 297

RESULT 11

US-08-387-942C-1
Sequence 1, Application US/08387942C
Patent No. 5939289

GENERAL INFORMATION:

/ APPLICANT: ERTESVAG, HELGA
/ APPLICANT: VALLA, SVEIN
/ APPLICANT: SKJAK-BRAEK, GUDMUND
/ APPLICANT: LARSEN, BJORN
/ TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
/ TITLE OF INVENTION: ENCODING MANNURONAN C-5-EPIMERASE
/ NUMBER OF SEQUENCES: 52
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
/ STREET: P.O. BOX 747
/ CITY: FALLS CHURCH
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22042
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/387,942C
/ FILING DATE: 09-MAY-1995
/ CLASSIFICATION: 435

/ ATTORNEY/AGENT INFORMATION:
/ NAME: MURPHY JR, GERALD M.
/ REGISTRATION NUMBER: 28,977
/ REFERENCE/DOCKET NUMBER: 1809-106P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-205-8000
/ TELEFAX: 703-205-8050

/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 12588 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear

/ MOLECULE TYPE: DNA (genomic)
/ ORIGINAL SOURCE:
/ ORGANISM: Azotobacter vinelandii
/ STRAIN: E
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 290..1951
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 2227..6438
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 6702..9695
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 9973..12588

US-08-387-942C-1

Query Match 72.8%; Score 18.2; DB 2; Length 12588;
Best Local Similarity 87.0%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGAGT 23
| | | | | | | | | | | | | | | | | | | | | |
DB 8771 CCAGCAACTCTCGAAGGAGCG 8793

RESULT 12

US-09-949-016-16382/c
Sequence 16382, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:

/ APPLICANT: VENTER, J. Craig et al.
/ TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
/ FILE REFERENCE: CL001307
/ CURRENT APPLICATION NUMBER: US/09/949,016
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/241,755
/ PRIOR FILING DATE: 2000-10-20
/ PRIOR APPLICATION NUMBER: 60/237,768
/ PRIOR FILING DATE: 2000-10-03
/ PRIOR APPLICATION NUMBER: 60/231,498
/ PRIOR FILING DATE: 2000-09-08
/ NUMBER OF SEQ ID NOS: 207012
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16382
/ LENGTH: 36103
/ TYPE: DNA
/ ORGANISM: Human
US-09-949-016-16382

Query Match 72.8%; Score 18.2; DB 3; Length 36103;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23
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 Db 16613 CCAGCATCTCCACGAAGGCAGAG 16591

RESULT 13
 US-09-949-016-15083
 ; Sequence 15083, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; PRIOR FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15083
 ; LENGTH: 50850
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(50850)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-949-016-15083

Query Match 72.8%; Score 18.2; DB 3; Length 50850;
 Best Local Similarity 87.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2 CAGCATCTCCACGAAGGCAGAGT 24
 |||||
 Db 512 CAGACTCTCCACAAAGGCAGAGT 534

RESULT 14
 US-09-949-016-15084
 ; Sequence 15084, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; PRIOR FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15084
 ; LENGTH: 50850
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(50850)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-949-016-15084

Query Match 72.8%; Score 18.2; DB 3; Length 50850;
 Best Local Similarity 87.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2 CAGCATCTCCACGAAGGCAGAGT 24
 |||||
 Db 512 CAGACTCTCCACAAAGGCAGAGT 534

RESULT 15
 US-09-949-016-15085
 ; Sequence 15085, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; PRIOR FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15085
 ; LENGTH: 50850
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(50850)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-949-016-15085

Query Match 72.8%; Score 18.2; DB 3; Length 50850;
 Best Local Similarity 87.0%; Pred. No. 2.2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2 CAGCATCTCCACGAAGGCAGAGT 24
 |||||
 Db 512 CAGACTCTCCACAAAGGCAGAGT 534

Search completed: April 1, 2006, 18:30:49
 Job time : 80.4483 secs

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds
(without alignments)
355.980 Million cell updates/sec

Title: US-10-007-255-11

Perfect score: 25
Sequence: 1 ccagcatctccacgaagcagagtt 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA Main:
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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
4: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
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8: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
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10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	25	100.0	25	9 US-10-007-255-11	Sequence 11, Appl
2	25	100.0	25	9 US-10-007-255-28	Sequence 28, Appl
3	25	100.0	1021	7 US-10-321-039-24	Sequence 24, Appl
4	25	100.0	2932	8 US-10-473-126-37	Sequence 37, Appl
5	25	100.0	10200	9 US-10-415-607-5	Sequence 5, Appl
6	25	100.0	177380	8 US-10-484-577-683	Sequence 683, App
7	19.2	76.8	561	7 US-10-767-701-25185	Sequence 25185, A
8	19.2	76.8	619	8 US-10-425-115-59217	Sequence 59217, A
9	18.6	74.4	60	3 US-09-908-975-9939	Sequence 9939, Ap
10	18.6	74.4	1116	9 US-10-764-420-1442	Sequence 1442, Ap
11	18.6	74.4	2797	9 US-10-336-603A-7	Sequence 7, Appl
12	18.6	74.4	2914	7 US-10-336-603A-9	Sequence 9, Appl
13	18.6	74.4	2963	6 US-10-444-575-5	Sequence 5, Appl
14	18.6	74.4	2963	7 US-10-440-464-125	Sequence 125, App
15	18.6	74.4	2963	9 US-10-344-307A-11	Sequence 11, Appl
16	18.6	74.4	2963	9 US-10-956-157-810	Sequence 810, App
17	18.6	74.4	2968	3 US-10-336-603A-11	Sequence 11, Appl
18	18.6	74.4	3058	7 US-09-964-824A-234	Sequence 234, App
19	18.6	74.4	3058	7 US-09-880-107-1654	Sequence 1654, Ap
20	18.6	74.4	3058	7 US-10-336-603A-5	Sequence 5, Appl
21	18.6	74.4	3058	9 US-10-344-307A-13	Sequence 13, Appl
22	18.6	74.4	3058	9 US-10-843-641A-5537	Sequence 5537, Ap
23	18.6	74.4	3489	9 US-10-489-695-33	Sequence 33, Appl

24	18.6	74.4	684187	7	US-10-367-094-71	Sequence 71, Appl
25	18.2	72.8	25	8	US-10-719-900-872296	Sequence 872296,
26	18.2	72.8	494	5	US-10-027-632-230104	Sequence 230104,
27	18.2	72.8	494	6	US-10-027-632-230104	Sequence 230104,
28	18.2	72.8	535	4	US-09-925-065A-544975	Sequence 544975,
29	18.2	72.8	563	4	US-09-925-065A-320867	Sequence 320867,
30	18.2	72.8	564	4	US-09-925-065A-50597	Sequence 50597, A
31	18.2	72.8	945	5	US-10-027-632-30739	Sequence 30739, A
32	18.2	72.8	1346	3	US-09-805-020-25	Sequence 25, Appl
33	18.2	72.8	1422	7	US-10-437-963-75819	Sequence 75819, A
34	18.2	72.8	1643	3	US-09-805-020-26	Sequence 26, Appl
35	18.2	72.8	1717	3	US-09-805-020-24	Sequence 24, Appl
36	18.2	72.8	2083	6	US-10-159-563-289	Sequence 289, App
37	18.2	72.8	2164	4	US-09-925-065A-701379	Sequence 701379,
38	18.2	72.8	2196	5	US-10-087-192-1799	Sequence 1799, Ap
39	18.2	72.8	2345	6	US-10-101-510-504	Sequence 504, App
40	18.2	72.8	2713	3	US-09-805-020-27	Sequence 27, Appl
41	18.2	72.8	2713	3	US-10-087-192-1798	Sequence 1798, Ap
42	18.2	72.8	201	8	US-10-719-993-2047	Sequence 2047, Ap
43	18	72.0	201	8	US-10-719-993-2097	Sequence 2097, Ap
44	18	72.0	201	8	US-10-719-993-13683	Sequence 13683, A
45	18	72.0	201	8		

ALIGNMENTS

RESULT 1

US-10-007-255-11
; Sequence 11, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 25
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-007-255-11

Query Match 100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCACGAGGCGAGGTT 25

Db 1 CCAGCATCTCCACGAGGCGAGGTT 25

RESULT 2

US-10-007-255-28/c
; Sequence 28, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 25
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-28

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 25 CCAGCATCTCCACGAAGGCAGAGTT 1

RESULT 3
US-10-321-039-24
; Sequence 24, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR FILING DATE: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 1021
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (561)..(561)
; OTHER INFORMATION: n can be t or c.
US-10-321-039-24

Query Match      100.0%; Score 25; DB 7; Length 1021;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 805 CCAGCATCTCCACGAAGGCAGAGTT 829

RESULT 4
US-10-473-126-37/c
; Sequence 37, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; TITLE OF INVENTION: proliferative disorders
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 37
; LENGTH: 2932
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-37

Query Match      100.0%; Score 25; DB 8; Length 2932;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 1594 CCAGCATCTCCACGAAGGCAGAGTT 1570
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RESULT 5
US-10-415-607-5/c
; Sequence 5, Application US/10415607
; Publication No. US20050076397A1
; GENERAL INFORMATION:
; APPLICANT: Liddle, Christopher
; APPLICANT: Goodwin, Bryan J.
; APPLICANT: Robertson, Graham
; TITLE OF INVENTION: P450 GENE REGULATION
; FILE REFERENCE: A-72251/RFT
; CURRENT APPLICATION NUMBER: US/10/415,607
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/AU01/01407
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 10200
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-415-607-5

Query Match      100.0%; Score 25; DB 9; Length 10200;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 9817 CCAGCATCTCCACGAAGGCAGAGTT 9793
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RESULT 6
US-10-484-577-683/c
; Sequence 683, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A1
; FILE REFERENCE: P2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 683
; LENGTH: 177380
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-683

Query Match      100.0%; Score 25; DB 8; Length 177380;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 141346 CCAGCATCTCCACGAAGGCAGAGTT 141322
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RESULT 7
US-10-767-701-25185
; Sequence 25185, Application US/10767701
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; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9939
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-9939

Query Match          74.4%; Score 18.6; DB 3; Length 60;
Best Local Similarity 84.0%; Pred.No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCACGAAGGCAGAGTT 25
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Db 36 CCAGCACCTCCACAAAGGCTGACTT 12

RESULT 10
US-10-764-420-1442/c
; Sequence 1442, Application US/10764420
; Publication No. US20050084872A1
; GENERAL INFORMATION:
; APPLICANT: Lum, Pek Yee
; APPLICANT: Tan, Yejun
; APPLICANT: Dai, Hongyue
; TITLE OF INVENTION: Methods For Determining Whether An Agent
; TITLE OF INVENTION: Possesses A Defined Biological Activity
; FILE REFERENCE: ROSAL22057
; CURRENT APPLICATION NUMBER: US/10/764,420
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/442,797
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/474,413
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 3683
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1442
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-764-420-1442

Query Match          74.4%; Score 18.6; DB 9; Length 1116;
Best Local Similarity 84.0%; Pred.No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCACGAAGGCAGAGTT 25
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Db 858 CCAGCACCTCCACAAAGTCAGTGAT 834

RESULT 11
US-10-336-603A-7/c
; Sequence 7, Application US/10336603A
; Publication No. US20040072997A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, A
; FILE REFERENCE: 21402-533A
; CURRENT APPLICATION NUMBER: US/10/336,603A
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 09/746,491
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 10/055,569
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: CuraSeqlist version 0.1

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; SEQ ID NO 7
; LENGTH: 2797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (130)..(2658)
US-10-336-603A-7

Query Match 74.4%; Score 18.6; DB 7; Length 2797;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCAGAGTT 25
Db 1417 CCAGCTTCTCCAGGAGGCATAGCT 1393

RESULT 12

US-10-336-603A-9/c
; Sequence 9, Application US/10336603A
; Publication No. US20040072997A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-533A
; CURRENT APPLICATION NUMBER: US/10/336,603A
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 09/746,491
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 10/055,569
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 9
; LENGTH: 2914
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (130)..(2775)
US-10-336-603A-9

Query Match 74.4%; Score 18.6; DB 7; Length 2914;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCAGAGTT 25
Db 1417 CCAGCTTCTCCAGGAGGCATAGCT 1393

RESULT 13

US-10-444-575-5/c
; Sequence 5, Application US/10444575
; Publication No. US20030232374A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; TITLE OF INVENTION: Protein (DERP)
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 2963
; TYPE: DNA
; ORGANISM: Homo sapiens

; PUBLICATION INFORMATION:
; AUTHORS: Tobe, T., Saguchi, K., Hashimoto, K., Miura, N.H., Tomita, M.,
; AUTHORS: Li, F., Wang, Y., Minoshima, S., and Shimizu, N.
; TITLE: Mapping of human inter-alpha-trypsin inhibitor family heavy
; TITLE: chain-related protein gene (ITIH1) to human chromosome 3p21-p14
; JOURNAL: Cytogenet. Cell Genet.
; VOLUME: 71
; ISSUE: 3
; PAGES: 296-298
; DATE: 1995
; DATABASE ACCESSION NUMBER: NM_002218
; DATABASE ENTRY DATE: 2003-04-07
; RELEVANT RESIDUES: (1)..(2963)
US-10-444-575-5

Query Match 74.4%; Score 18.6; DB 6; Length 2963;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCAGAGTT 25
Db 1321 CCAGCTTCTCCAGGAGGCATAGCT 1297

RESULT 14

US-10-440-464-125/c
; Sequence 125, Application US/10440464
; Publication No. US20040018528A1
; GENERAL INFORMATION:
; APPLICANT: DEPRIMO, SAMUEL
; APPLICANT: O'FARRELL, ANNE-MARIE
; APPLICANT: MORIMOTO, ALESSA
; APPLICANT: SMOLICH, BEVERLY
; APPLICANT: MANNING, WILLIAM
; APPLICANT: WALTER, SARAH
; APPLICANT: CHERRINGTON, JULIE
; APPLICANT: SCHILLING, JIM
; TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE
; TITLE OF INVENTION: AND ACTIVITY IN MAMMALS
; FILE REFERENCE: 038602/1592
; CURRENT APPLICATION NUMBER: US/10/440,464
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/380,872
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/448,922
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/448,874
; PRIOR FILING DATE: 2003-02-24
; NUMBER OF SEQ ID NOS: 185
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 2963
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-440-464-125

Query Match 74.4%; Score 18.6; DB 7; Length 2963;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCAGAGTT 25
Db 1321 CCAGCTTCTCCAGGAGGCATAGCT 1297

RESULT 15

US-10-344-307A-11/c
; Sequence 11, Application US/10344307A
; Publication No. US20050049189A1
; GENERAL INFORMATION:
; APPLICANT: Uchida et al.
; TITLE OF INVENTION: Protein induced by homogeneous blood transfusion and DNA encoding
; FILE REFERENCE: SAE135.001APC

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; CURRENT APPLICATION NUMBER: US/10/344,307A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: JP P2000-241169
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 2963
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-344-307A-11
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Best Local Similarity 84.0%; Pred.No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1 CCAGCATCTCCACGAAGGCAGATT 25
      ||||| ||||| ||||| ||||| |||||
Db     1321 CCAGCTTCTCCAGGAAGGCATAGCT 1297
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Job time : 581.747 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds
(without alignments)
194.399 Million cell updates/sec

Title: US-10-007-255-11

Perfect score: 25

Sequence: 1 ccagcatctccacgaaggcaggtt 25

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /SID85/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 4: /SID85/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 5: /SID85/ptodata/2/pubpna/US09_NEW_PUB.seq.*
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- 11: /SID85/ptodata/2/pubpna/US11_NEW_PUB.seq.*
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- 14: /SID85/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 15: /SID85/ptodata/2/pubpna/US60_NEW_PUB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 1	20.2	80.8	1414	11	US-11-096-568A-16012
C 2	18.6	74.4	3260	11	US-11-177-506-16
C 3	18.6	74.4	3588	11	US-11-096-568A-29271
C 4	18.2	72.8	535	6	US-09-925-065A-544975
C 5	18.2	72.8	563	6	US-09-925-065A-320867
C 6	18.2	72.8	564	6	US-09-925-065A-50597
C 7	18.2	72.8	564	9	US-10-301-480-151835
C 8	18.2	72.8	564	10	US-10-301-480-765244
C 9	18.2	72.8	593	10	US-10-301-480-395548
C 10	18.2	72.8	593	10	US-10-301-480-1008957
C 11	18.2	72.8	1902	14	US-11-128-061-655
C 12	18.2	72.8	1902	14	US-11-128-049-655
C 13	18.2	72.8	2083	14	US-11-000-688-644
C 14	18.2	72.8	2164	6	US-09-925-065A-701379
C 15	18.2	72.8	2797	9	US-10-501-035-145
C 16	18.2	72.8	11932	14	US-11-128-061-3339
C 17	18.2	72.8	11932	14	US-11-128-049-3339
C 18	18	72.0	25	14	US-11-136-527-242508

C 19	18	72.0	25	14	US-11-136-527-242523
C 20	18	72.0	1400	14	US-11-136-527-5138
C 21	18	72.0	2680	14	US-11-136-527-1042
C 22	18	72.0	6519	8	US-10-955-054A-59
C 23	17.8	71.2	548	10	US-10-301-480-523766
C 24	17.8	71.2	548	10	US-10-301-480-1137175
C 25	17.8	71.2	557	6	US-09-925-065A-468290
C 26	17.8	71.2	658	8	US-10-750-185-29920
C 27	17.8	71.2	658	8	US-10-750-623-29920
C 28	17.6	70.4	568	6	US-09-925-065A-640149
C 29	17.6	70.4	619	6	US-09-925-065A-793130
C 30	17.6	70.4	696	6	US-09-925-065A-720492
C 31	17.6	70.4	1139	8	US-10-750-185-41405
C 32	17.6	70.4	1139	8	US-10-750-623-41405
C 33	17.6	70.4	1658	8	US-10-750-185-63928
C 34	17.6	70.4	1658	8	US-10-750-623-63928
C 35	17.6	70.4	2298	11	US-11-096-568A-31695
C 36	17.6	70.4	138627	9	US-10-330-773-159
C 37	17.6	70.4	393323	9	US-10-330-773-23
C 38	17.6	70.4	403278	8	US-10-995-561-13421
C 39	17.4	69.6	653	6	US-09-925-065A-920757
C 40	17.4	69.6	653	6	US-09-925-065A-920758
C 41	17.4	69.6	653	6	US-09-925-065A-920759
C 42	17.4	69.6	1093	8	US-10-750-185-59221
C 43	17.4	69.6	1093	8	US-10-750-623-59221
C 44	17.2	68.8	26	8	US-10-310-914A-1211329
C 45	17.2	68.8	599	6	US-09-925-065A-766206

ALIGNMENTS

RESULT 1

US-11-096-568A-16012/c
; Sequence 16012, Application US/11096568A
; Publication No. US20060048240A1
; GENERAL INFORMATION:
; APPLICANT: Alexandrov, Nickolai et al.
; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
; FILE REFERENCE: 2750-1592PUS2
; CURRENT APPLICATION NUMBER: US/11/096.568A
; NUMBER OF SEQ ID NOS: 34471
; SEQ ID NO 16012
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Zea mays subsp. mays
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1414)
; OTHER INFORMATION: Ceres Seq. ID no. 12350215
US-11-096-568A-16012

Query Match 80.8%; Score 20.2; DB 11; Length 1414;
Best Local Similarity 88.0%; Pred. No. 13;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCAGGAGGCAAGTT 25

Db 853 CCAGCATCTCCAGGAGGCAAGTT 829

RESULT 2

US-11-177-506-16/c
; Sequence 16, Application US/11177506
; Publication No. US20060029956A1
; GENERAL INFORMATION:
; APPLICANT: Beyer, Wayne F.
; APPLICANT: Venetta, Thomas M.
; APPLICANT: Groelke, John W.
; APPLICANT: Blaesusius, Rainer H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE

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; TITLE OF INVENTION: DETECTION OF OVARIAN DISEASE
; FILE REFERENCE: 46143/294851
; CURRENT APPLICATION NUMBER: US/11/177,506
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: 60/586,856
; PRIOR FILING DATE: 2004-07-09
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 3260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (37)...(2829)
US-11-177-506-16

Query Match          74.4%; Score 18.6; DB 11; Length 3260;
Best Local Similarity 84.0%; Pred. No. 82;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAAGGCAGAGTT 25
Db 1324 CCAGCTTCTCCAGGAAGGCATAGCT 1300

RESULT 3
US-11-096-568A-29271
; Sequence 29271, Application US/11096568A
; Publication No. US20060048240A1
; GENERAL INFORMATION:
; APPLICANT: Alexandrov, Nikolai et al.
; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
; FILE REFERENCE: 2750-1592PUS2
; CURRENT APPLICATION NUMBER: US/11/096,568A
; CURRENT FILING DATE: 2005-04-01
; NUMBER OF SEQ ID NOS: 34471
; SEQ ID NO 29271
; LENGTH: 3588
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(3588)
; OTHER INFORMATION: Ceres Seq. ID no. 4805151
US-11-096-568A-29271

Query Match          74.4%; Score 18.6; DB 11; Length 3588;
Best Local Similarity 84.0%; Pred. No. 83;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAAGGCAGAGTT 25
Db 3229 CCACGAGTCCAGGAAGGCAGAGTT 3253

RESULT 4
US-09-925-065A-544975/c
; Sequence 544975, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
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; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 544975
; LENGTH: 535
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-544975

Query Match          72.8%; Score 18.2; DB 6; Length 535;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAAGGCAGAG 23
Db 185 CCAGCACTCCAGGAAGCTGAG 163

RESULT 5
US-09-925-065A-320867
; Sequence 320867, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 320867
; LENGTH: 563
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-320867

Query Match          72.8%; Score 18.2; DB 6; Length 563;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAAGGCAGAG 23
Db 276 CCACAATCTCCATGAAGGCAGAG 298

RESULT 6
US-09-925-065A-50597
; Sequence 50597, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
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; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50597
; LENGTH: 564
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-50597

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Query Match          72.8%; Score 18.2; DB 6; Length 564;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1 CCAGCATCTCCACGAAGGCAGAG 23
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Db 10 CCACAATCTCCATGAAGGCAGAG 32

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RESULT 7
US-10-301-480-151835
; Sequence 151835, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 151835
; LENGTH: 564
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-301-480-151835

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```

Query Match          72.8%; Score 18.2; DB 9; Length 564;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1 CCAGCATCTCCACGAAGGCAGAG 23
    ||| ||||| ||||| |||||
Db 10 CCACAATCTCCATGAAGGCAGAG 32

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RESULT 8
US-10-301-480-765244
; Sequence 765244, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 765244
; LENGTH: 564
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-765244

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Query Match          72.8%; Score 18.2; DB 10; Length 564;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

Qy 1 CCAGCATCTCCACGAAGGCAGAG 23
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Db 10 CCACAATCTCCATGAAGGCAGAG 32

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```

RESULT 9
US-10-301-480-395548
; Sequence 395548, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 395548
; LENGTH: 593
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-395548

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Query Match          72.8%; Score 18.2; DB 10; Length 593;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1 CCAGCATCTCCACGAAGGCAGAG 23
    ||| ||||| ||||| |||||
Db 306 CCACAATCTCCATGAAGGCAGAG 328

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RESULT 10
US-10-301-480-1008957
; Sequence 1008957, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1008957
; LENGTH: 593
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1008957

Query Match          72.8%; Score 18.2; DB 10; Length 593;
Best Local Similarity 87.0%; Pred. No. 1e+02;

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US-09-925-065A-701379

Query Match 72.8%; Score 18.2; DB 6; Length 2164;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAGGCGAG 23
DB 10 CCACATCTCCATGAAGGCGAG 32

RESULT 15

US-10-501-035-145/c
; Sequence 145, Application US/10501035
; Publication No. US20060046249A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF POLYNUCLEOTIDES AND POLYPEPTIDE FOR PREDICTING
; TITLE OF INVENTION: ACTIVITY OF COMPOUNDS THAT INTERACT WITH PROTEIN TYROSINE KINASE
; TITLE OF INVENTION: AND/OR PROTEIN TYROSINE KINASE PATHWAYS
; FILE REFERENCE: D0185 PCT
; CURRENT APPLICATION NUMBER: US/10/501,035
; CURRENT FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: US 60/350,061
; PRIOR FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 795
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 145
; LENGTH: 2797
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-501-035-145

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Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAGGCGAG 23
DB 762 CCAGCACCTCCACGAAAGCTGAG 740

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GenCore version 5.1.7
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 Searched: 1303057 seqs, 888780828 residues
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	25	100.0	807	9	Patent No. 5206352
C 2	25	100.0	3852	3	US-10-101-433A-1
C 3	25	100.0	3860	3	US-09-584-586-1
C 4	25	100.0	3860	3	US-09-584-586-3
C 5	25	100.0	3988	3	US-09-762-195-1
C 6	25	100.0	4186	3	US-09-672-810-1
C 7	25	100.0	4195	3	US-09-672-810-3
C 8	25	100.0	4264	2	US-08-784-649A-5
C 9	25	100.0	4264	2	US-08-784-649A-5
C 10	25	100.0	4646	2	US-08-181-471-2
C 11	25	100.0	4646	3	US-09-023-655-1167
C 12	25	100.0	4669	2	US-08-583-276-18
C 13	25	100.0	4669	2	US-08-752-447-1
C 14	25	100.0	4669	3	US-09-316-167-1
C 15	25	100.0	4669	3	US-09-397-233-1
C 16	25	100.0	4669	9	5206352-3
C 17	25	100.0	6505	2	US-08-793-610-5
C 18	25	100.0	8630	3	US-09-306-417-1
C 19	25	100.0	8630	3	US-09-306-417-2
C 20	25	100.0	9318	2	US-08-793-610-6
C 21	21.8	87.2	4189	3	US-09-584-586-5
C 22	21.8	87.2	4233	3	US-09-120-533-1
C 23	21.8	87.2	4233	3	US-09-450-105-1
C 24	21.8	87.2	4279	3	US-09-672-725C-1

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c 25 21.8 87.2 4279 3 US-09-672-725C-22 Sequence 22, Appl
c 26 21.8 87.2 4279 3 US-09-672-725C-24 Sequence 24, Appl
c 27 21.8 87.2 4279 3 US-09-672-725C-26 Sequence 26, Appl
c 28 21.8 87.2 4788 3 US-09-584-586-7 Sequence 7, Appl
c 29 20.2 80.8 4317 3 US-09-672-725C-3 Sequence 3, Appl
c 30 20.2 80.8 4317 3 US-10-044-671-1 Sequence 1, Appl
c 31 17 68.0 510 3 US-09-621-976-17209 Sequence 17209, A
c 32 16.6 66.4 601 3 US-09-949-016-71318 Sequence 71318, A
c 33 16.6 66.4 601 3 US-09-949-016-86805 Sequence 86805, A
c 34 16.6 66.4 601 3 US-09-949-016-179555 Sequence 179555,
c 35 16.6 66.4 601 3 US-09-949-016-179556 Sequence 179556,
c 36 16.6 66.4 1572 3 US-09-620-312D-664 Sequence 664, App
c 37 16.6 66.4 28823 3 US-09-949-016-12437 Sequence 12437, A
c 38 16.6 66.4 28823 3 US-09-949-016-15879 Sequence 15879, A
c 39 16.6 66.4 57914 3 US-09-949-016-11935 Sequence 11935, A
c 40 16.6 66.4 57936 3 US-09-949-016-16921 Sequence 16921, A
c 41 16.6 66.4 128723 3 US-09-949-016-17533 Sequence 17533, A
c 42 16.6 66.4 152132 3 US-09-949-016-13845 Sequence 13845, A
c 43 16.6 66.4 152145 3 US-09-949-016-12371 Sequence 12371, A
c 44 16.6 66.4 247781 3 US-09-949-016-14193 Sequence 14193, A
c 45 16.4 65.6 694 3 US-09-270-767-2120 Sequence 2120, Ap

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ALIGNMENTS

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RESULT 1
5206352-1/c
; Patent No. 5206352
; APPLICANT: Robinson, Igor B.; Pastan Ira H.; Gottesman,
; Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:1:
; LENGTH: 807
5206352-1

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Query Match 100.0%; Score 25; DB 9; Length 807;
Best Local Similarity 100.0%; Pred. No. 0.0079;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCAACCGTGAATCCTTA 25
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Db 763 AGCTTCCCAACCAACCGTGAATCCTTA 739

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RESULT 2
US-10-101-433A-1/c
; Sequence 1, Application US/10101433A
; Patent No. 6855812
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; APPLICANT: Creespi, Charles
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019
; CURRENT APPLICATION NUMBER: US/10/101,433A
; CURRENT FILING DATE: 2002-03-19
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3852
; TYPE: DNA

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; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(3852)
US-10-101-433A-1

Query Match      100.0%; Score 25; DB 3; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCACGTGTAAATCCTA 25
    |||||
Db 650 AGCTTCCAACCCACGTGTAAATCCTA 626

RESULT 3
US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; PRIOR FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCACGTGTAAATCCTA 25
    |||||
Db 641 AGCTTCCAACCCACGTGTAAATCCTA 617

RESULT 4
US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; PRIOR FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-09-672-810-1

; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCACGTGTAAATCCTA 25
    |||||
Db 641 AGCTTCCAACCCACGTGTAAATCCTA 617

RESULT 5
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99/02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCACGTGTAAATCCTA 25
    |||||
Db 710 AGCTTCCAACCCACGTGTAAATCCTA 686

RESULT 6
US-09-672-810-1/c
; Sequence 1, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-09-672-810-1
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Query Match 100.0%; Score 25; DB 3; Length 4186;
Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25
|||||
Db 740 AGCTTCCCAACACGCTGTAATCCTA 716

RESULT 7
US-09-672-810-3/c
; Sequence 3, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 4195
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3949)
US-09-672-810-3

Query Match 100.0%; Score 25; DB 3; Length 4195;
Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25
|||||
Db 749 AGCTTCCCAACACGCTGTAATCCTA 725

RESULT 8
US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J

; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25
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Db 779 AGCTTCCCAACACGCTGTAATCCTA 755

RESULT 9
US-08-784-649A-5/c
; Sequence 5, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25
|||||
Db 779 AGCTTCCCAACACGCTGTAATCCTA 755

RESULT 10
US-08-181-471-2/c
; Sequence 2, Application US/08181471
; Patent No. 5641508
; GENERAL INFORMATION:
; APPLICANT: Li, Lingna
; APPLICANT: Lishko, Valeryi K.
; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,471
; FILING DATE: 13-JAN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/041,553
; FILING DATE: 02-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: ANT0029P
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4267
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25
Db 1065 AGCTTCCACCAACGCTGTAATCCTA 1041

RESULT 11
US-09-023-655-1167/c
; Sequence 1167, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g187468
US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25
Db 1065 AGCTTCCACCAACGCTGTAATCCTA 1041

RESULT 12
US-08-583-276-18/c
; Sequence 18, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,276
; FILING DATE: 05-JAN-1996

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; LOCATION: 4265..4669
; US-08-752-447-1

Query Match          100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred.No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCAGTGTAAATCCTA 25
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Db 1065 AGCTTCCAACCCAGTGTAAATCCTA 1041

RESULT 14
US-09-316-167-1/c
; Sequence 1, Application US/09316167
; Patent No. 6365357
; GENERAL INFORMATION:
; APPLICANT: Mechtner, Eugene
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
; STREET: 300 South Wacker Drive, Seventh Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/316,167
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/752,447
; FILING DATE: 15-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: NO. 6365357nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-9808
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; US-09-316-167-1

Query Match          100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred.No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCAGTGTAAATCCTA 25
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Db 1065 AGCTTCCAACCCAGTGTAAATCCTA 1041

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RESULT 15
US-09-397-233-1/c
; Sequence 1, Application US/09397233
; Patent No. 6630327
; GENERAL INFORMATION:
; APPLICANT: Mechtner, Eugene
; ; Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/397,233
; FILING DATE: 16-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6630327nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-397-233-1

Query Match      100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches    25; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

QY      1 AGCTTCCCAACCGTGTTAAATCCTA 25
        |||||||
Db       1065 AGCTTCCCAACCGTGTTAAATCCTA 1041

Search completed: April 1, 2006, 18:30:41
Job time : 79.4483 secs

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RESULT 2
US-10-007-255-29/c
; Sequence 29, Application US/10007255
; Publication No. US2005020306A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 25
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-29

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 25 AGCTTCCCAACCAACGCTGTAATCCTA 1

RESULT 3
US-09-864-761-27462
; Sequence 27462, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 27462
; LENGTH: 172
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005068.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.64
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.65
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53

; ORGANISM: EXPRESSED IN ADULT LIVER, SIGNAL = 0.73
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.64
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUATE 3.00e-27
; OTHER INFORMATION: NT HIT: AF016535.1, EVALUATE 2.00e-92
; OTHER INFORMATION: EST_HUMAN HIT: AW847648.1, EVALUATE 2.30e+00
US-09-864-761-27462

Query Match      100.0%; Score 25; DB 3; Length 172;
Best Local Similarity 100.0%; Pred. No. 0.058;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 62 AGCTTCCCAACCAACGCTGTAATCCTA 86

RESULT 4
US-10-101-510-284/c
; Sequence 284, Application US/10101510
; Publication No. US20030148295A1
; GENERAL INFORMATION:
; APPLICANT: WAN, JACKSON
; APPLICANT: WANG, YIXIN
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
; FILE REFERENCE: 15117.0012
; CURRENT APPLICATION NUMBER: US/10/101,510
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 60/276,947
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 805
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 284
; LENGTH: 209
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-101-510-284

Query Match      100.0%; Score 25; DB 6; Length 209;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 204 AGCTTCCCAACCAACGCTGTAATCCTA 180

RESULT 5
US-09-864-761-27770/c
; Sequence 27770, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 27770
; LENGTH: 219
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC002457.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.42
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.57
; OTHER INFORMATION: NT HIT: M29428.1, EVALUATE 1.00e-120
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUATE 2.00e-27
US-09-864-761-27770

Query Match 100.0%; Score 25; DB 3; Length 219;
Best Local Similarity 100.0%; Pred. No. 0.06;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAAACACGCTGTAATCCTA 25
|||||
Db 143 AGCTTCCAAACACGCTGTAATCCTA 119
|||||

RESULT 6

US-09-864-761-10820
; Sequence 10820, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 10820
; LENGTH: 463
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005068.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.64
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.65
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.73
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.64
US-09-864-761-10820

Query Match 100.0%; Score 25; DB 3; Length 463;
Best Local Similarity 100.0%; Pred. No. 0.068;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAAACACGCTGTAATCCTA 25
|||||
Db 340 AGCTTCCAAACACGCTGTAATCCTA 364
|||||

RESULT 7

US-09-864-761-11142/c
; Sequence 11142, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 11142
; TYPE: DNA
; LENGTH: 473
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC002457.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.42
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.57
US-09-864-761-11142

Query Match 100.0%; Score 25; DB 3; Length 473;
Best Local Similarity 100.0%; Pred. No. 0.068;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 404 AGCTTCCAACACGCTGTAATCCTA 380

RESULT 8
US-09-925-065A-860769/c
; Sequence 860769, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925, 065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 860769
; LENGTH: 620
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-925-065A-860769

Query Match 100.0%; Score 25; DB 4; Length 620;
Best Local Similarity 100.0%; Pred. No. 0.072;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 78 AGCTTCCAACACGCTGTAATCCTA 54

RESULT 9
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31

Query Match 100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.09;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 1065 AGCTTCCAACACGCTGTAATCCTA 1041

RESULT 10
US-10-794-514A-396/c
; Sequence 396, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vigovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 396
; LENGTH: 3153
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-396

Query Match 100.0%; Score 25; DB 9; Length 3153;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 510 AGCTTCCAACACGCTGTAATCCTA 486
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RESULT 11
US-10-384-339C-30/c
; Sequence 1, Application US/10384339C
; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: ndr-1
; PATENT DOCUMENT NUMBER: AF016535
US-10-384-339C-30

Query Match      100.0%; Score 25; DB 7; Length 3840;
Best Local Similarity 100.0%; Pred. No. 0.098;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCGTGAATCCTA 25
|||||
Db 641 AGCTTCCAACCAACGCGTGAATCCTA 617

RESULT 12
US-10-101-433A-1/c
; Sequence 1, Application US/10101433A
; Publication No. US20030119726A1
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; APPLICANT: Crepbi, Charles
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019
; CURRENT APPLICATION NUMBER: US/10/101,433A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/277,095
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3852
; TYPE: DNA
; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(3852)
US-10-101-433A-1

Query Match      100.0%; Score 25; DB 6; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.098;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCGTGAATCCTA 25
|||||
Db 650 AGCTTCCAACCAACGCGTGAATCCTA 626

RESULT 13
US-09-866-866A-1/c
; Sequence 1, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.098;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCGTGAATCCTA 25
|||||
Db 641 AGCTTCCAACCAACGCGTGAATCCTA 617

RESULT 14
US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.098;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCGTGAATCCTA 25
|||||
Db 641 AGCTTCCAACCAACGCGTGAATCCTA 617

RESULT 15
US-10-619-359A-1/c
; Sequence 1, Application US/10619359A
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; Publication No. US20040077000A1
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEINMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307.70020.US
; CURRENT APPLICATION NUMBER: US/10/619,359A
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: US 09/672,810
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-10-619-359A-1
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Best Local Similarity 100.0%; Pred. No. 0.099;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGCTTCACACCGTGTAAATCCTA 25
Db      740 AGCTTCACACCGTGTAAATCCTA 716
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Search completed: April 2, 2006, 11:52:24
Job time : 581.747 secs

GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds
(without alignments)
194.399 Million cell updates/sec

Title: US-10-007-255-12

Perfect score: 25

Sequence: 1 agcttcccaaccacgtgtaaacctta 25

Scoring table:

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Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA New:

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- 3: /SIDSS/ptodata/2/pubpna/US07_NEW_PUB.seq:
- 4: /SIDSS/ptodata/2/pubpna/PCT_NEW_PUB.seq:
- 5: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq:
- 6: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq1:
- 7: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq:
- 8: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq1:
- 9: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq2:
- 10: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq3:
- 11: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq:
- 12: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq2:
- 13: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq3:
- 14: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq4:
- 15: /SIDSS/ptodata/2/pubpna/US60_NEW_PUB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	25	100.0	4192	US-10-782-413-53	Sequence 53, Appl
C 3	25	100.0	4192	US-10-826-585-36	Sequence 36, Appl
C 4	25	100.0	4646	US-10-775-169-198	Sequence 198, Appl
C 5	25	100.0	4646	US-11-045-578-5	Sequence 5, Appl
C 6	21.8	87.2	4282	US-11-128-061-452	Sequence 452, App
C 7	21.8	87.2	4282	US-11-128-049-452	Sequence 452, App
C 8	21.8	87.2	4437	US-11-136-527-3399	Sequence 3399, App
C 9	20.2	80.8	1056	US-10-750-185-30884	Sequence 30884, A
C 10	20.2	80.8	1056	US-10-750-623-30884	Sequence 30884, A
C 11	20.2	80.8	4305	US-11-128-061-465	Sequence 465, App
C 12	20.2	80.8	4305	US-11-128-049-465	Sequence 465, App
C 13	20.2	80.8	5133	US-11-136-527-698	Sequence 698, App
C 14	18.2	72.8	114454	US-10-330-773-850	Sequence 850, App
C 15	17.8	71.2	1993	US-09-925-065A-710692	Sequence 710692,
C 16	17.2	68.8	3927	US-10-750-185-45490	Sequence 45490, A
C 17	17.2	68.8	3927	US-10-750-623-45490	Sequence 45490, A
C 18	17	68.0	200	US-11-098-686-757	Sequence 757, App

19	17	68.0	492	10	US-10-301-480-393389	Sequence 393389,
20	17	68.0	492	10	US-10-301-480-1006798	Sequence 1006798,
21	17	68.0	496	6	US-09-925-065A-318562	Sequence 318562,
22	17	68.0	559	6	US-09-925-065A-595111	Sequence 595111,
23	17	68.0	582	6	US-09-925-065A-595110	Sequence 595110,
24	17	68.0	595	6	US-09-925-065A-99659	Sequence 99659, A
25	17	68.0	595	9	US-10-301-480-200347	Sequence 200347,
26	17	68.0	595	10	US-10-301-480-813756	Sequence 813756,
27	17	68.0	995	10	US-10-301-480-534880	Sequence 534880,
28	17	68.0	995	10	US-10-301-480-1148289	Sequence 1148289,
C 29	17	68.0	3398	8	US-10-750-185-51247	Sequence 51247, A
C 30	17	68.0	3398	8	US-10-750-623-51247	Sequence 51247, A
31	17	68.0	194553	14	US-11-098-686-8738	Sequence 8738, Ap
32	16.8	67.2	201	14	US-11-124-368A-8895	Sequence 8895, Ap
C 33	16.8	67.2	493	6	US-09-925-065A-494613	Sequence 494613,
34	16.8	67.2	602	6	US-09-925-065A-341042	Sequence 341042,
35	16.8	67.2	100000	14	US-11-124-368A-2897	Sequence 2897, Ap
36	16.6	66.4	201	8	US-10-995-561-70665	Sequence 70665, A
37	16.6	66.4	346	6	US-09-925-065A-186559	Sequence 186559,
38	16.6	66.4	346	6	US-09-925-065A-186560	Sequence 186560,
39	16.6	66.4	365	10	US-10-301-480-276688	Sequence 276688,
40	16.6	66.4	365	10	US-10-301-480-276689	Sequence 276689,
41	16.6	66.4	365	10	US-10-301-480-890097	Sequence 890097,
42	16.6	66.4	365	10	US-10-301-480-890098	Sequence 890098,
43	16.6	66.4	526	14	US-11-128-061-2951	Sequence 2951, Ap
44	16.6	66.4	526	14	US-11-128-061-6593	Sequence 6593, Ap
45	16.6	66.4	526	14	US-11-128-049-2951	Sequence 2951, Ap

ALIGNMENTS

RESULT 1
US-09-925-065A-860769/c
; Sequence 860769, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827,135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 860769
; LENGTH: 620
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-860769

Query Match 100.0%; Score 25; DB 6; Length 620;
Best Local Similarity 100.0%; Pred. No. 0.0098;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCACGTGTAATCCTA 25
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Db 78 AGCTTCCCAACCACGTGTAATCCTA 54

RESULT 2
US-10-782-413-53/c
; Sequence 53, Application US/10782413

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; Publication No. US20060063157A9
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; TYPE: DNA
; LENGTH: 4192
; ORGANISM: human
; ORGANISM: human
US-10-782-413-53

Query Match      100.0%; Score 25; DB 7; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCAGGTGTAATCCTA 25
   |||||
Db 760 AGCTTCCAACCCAGGTGTAATCCTA 736

RESULT 3
US-10-826-585-36/c
; Sequence 36, Application US/10826585
; Publication No. US2006008087A1
; GENERAL INFORMATION:
; APPLICANT: Immunivest Corporation
; APPLICANT: O'Hara, Shawn Mark
; APPLICANT: Foulk, Brad
; APPLICANT: Zweitzig, Daniel
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and
; TITLE OF INVENTION: morphological features on the same sample
; FILE REFERENCE: IMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; TYPE: DNA
; LENGTH: 4192
; ORGANISM: Human
; ORGANISM: Human
US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 760 AGCTTCCAACCCAGGTGTAATCCTA 736

RESULT 4
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dorner, Andrew
```

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; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCAGGTGTAATCCTA 25
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Db 1065 AGCTTCCAACCCAGGTGTAATCCTA 1041

RESULT 5
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1 AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDR1
; ORGANISM: human MDR1
US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCCAGGTGTAATCCTA 25
   |||||
Db 1065 AGCTTCCAACCCAGGTGTAATCCTA 1041

RESULT 6
US-11-128-061-452/c
; Sequence 452, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
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; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-452

Query Match 87.2%; Score 21.8; DB 14; Length 4282;
Best Local Similarity 92.0%; Pred. No. 0.66;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCACTGTAATCCTA 25
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Db 648 AGCTTCCCAACCACTTATAATCCTA 624

RESULT 7

US-11-128-049-452/c
; Sequence 452, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:

; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282

; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-452

Query Match 87.2%; Score 21.8; DB 14; Length 4282;

Best Local Similarity 92.0%; Pred. No. 0.66;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 AGCTTCCCAACCACTGTAATCCTA 25
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Db 648 AGCTTCCCAACCACTTATAATCCTA 624

RESULT 8

US-11-136-527-3399/c
; Sequence 3399, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3399
; LENGTH: 4437
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-3399

Query Match 87.2%; Score 21.8; DB 14; Length 4437;
Best Local Similarity 92.0%; Pred. No. 0.66;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCACTGTAATCCTA 25
|||||
Db 740 AGCTTCCCAACCACTTATAATCCTA 716

RESULT 9

US-10-750-185-30884
; Sequence 30884, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KER, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: WM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30884
; LENGTH: 1056
; TYPE: DNA
; ORGANISM: Bovine 19866881498876
US-10-750-185-30884

Query Match 80.8%; Score 20.2; DB 8; Length 1056;
Best Local Similarity 88.0%; Pred. No. 3.3;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCACTGTAATCCTA 25
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Db 620 AGCTTCCCAACCTTCTGTAATCCTA 644

RESULT 14
US-10-330-773-850/c
; Sequence 850, Application US/10330773
; Publication No. US20060040262A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001300
; CURRENT APPLICATION NUMBER: US/10/330,773
; CURRENT FILING DATE: 2002-12-27
; NUMBER OF SEQ ID NOS: 981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 850
; LENGTH: 114454
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(114454)
; OTHER INFORMATION: n = A,T,C or G
US-10-330-773-850

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Best Local Similarity 87.0%; Pred. No. 94;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 AGCTTCCACACACGCTGTAATCC 23
DB 17139 AGCTTACACCATCTGTAAATCC 17117

RESULT 15
US-09-925-065A-710692
; Sequence 710692, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 710692
; LENGTH: 1993
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-710692

Query Match 71.2%; Score 17.8; DB 6; Length 1993;
Best Local Similarity 90.5%; Pred. No. 66;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 TCCACACACGCTGTAATCCTA 25
DB 1197 TCAACACACGCTGTAATCCTA 1217

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Job time : 514.506 secs

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GenCore version 5.1.7
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Run on: April 1, 2006, 18:15:44 ; Search time 78.4483 Seconds
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Perfect score: 25
Sequence: 1 gtgacattttcagcgccatagcgaa 25

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Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
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5: /cgn2_6/ptodata/1/ina/H COMB.seq:*
6: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	25	100.0	3860	3	US-09-584-586-1
C 2	25	100.0	3860	3	US-09-584-586-3
C 3	25	100.0	3988	3	US-09-762-195-1
C 4	25	100.0	4264	2	US-08-784-649A-1
C 5	25	100.0	4264	2	US-08-784-649A-5
C 6	25	100.0	4646	2	US-08-181-471-2
C 7	25	100.0	4646	3	US-09-023-655-1167
C 8	25	100.0	4669	2	US-08-583-276-18
C 9	25	100.0	4669	2	US-08-752-447-1
C 10	25	100.0	4669	3	US-09-316-167-1
C 11	25	100.0	4669	3	US-09-397-233-1
C 12	25	100.0	4669	9	5206352-3
C 13	25	100.0	6505	2	US-08-793-610-5
C 14	25	100.0	8630	3	US-09-306-417-1
C 15	25	100.0	8630	3	US-09-306-417-2
C 16	25	100.0	9318	2	US-08-793-610-6
C 17	23.4	93.6	4279	3	US-09-672-725C-1
C 18	23.4	93.6	4279	3	US-09-672-725C-22
C 19	23.4	93.6	4279	3	US-09-672-725C-24
C 20	23.4	93.6	4279	3	US-09-672-725C-26
C 21	23.4	93.6	4317	3	US-09-672-725C-3
C 22	23.4	93.6	4317	3	US-10-044-671-1
C 23	21.8	87.2	30	6	PCT-US94-06284-8
C 24	21.8	87.2	31	2	US-08-227-370-3

C 25	21.8	87.2	31	6	PCT-US94-06284-3	Sequence 3, Appli
C 26	21.8	87.2	36	2	US-08-310-501-3	Sequence 3, Appli
C 27	21.8	87.2	3852	3	US-10-101-433A-1	Sequence 1, Appli
C 28	21.8	87.2	4186	3	US-09-672-810-1	Sequence 1, Appli
C 29	21.8	87.2	4189	3	US-09-584-586-5	Sequence 5, Appli
C 30	21.8	87.2	4195	3	US-09-672-810-3	Sequence 3, Appli
C 31	21.8	87.2	4233	3	US-09-120-513-1	Sequence 1, Appli
C 32	21.8	87.2	4233	3	US-09-450-105-1	Sequence 1, Appli
C 33	21.8	87.2	4788	3	US-09-584-586-7	Sequence 7, Appli
C 34	19	76.0	3321	3	US-09-640-173-175	Sequence 175, App
C 35	19	76.0	3321	3	US-09-713-550-175	Sequence 175, App
C 36	19	76.0	3321	3	US-09-825-234-175	Sequence 175, App
C 37	19	76.0	3321	3	US-09-970-966-175	Sequence 175, App
C 38	18.6	74.4	3924	3	US-09-023-655-1168	Sequence 1168, Ap
C 39	18.6	74.4	3924	3	US-09-762-195-2	Sequence 2, Appli
C 40	18.2	72.8	601	3	US-09-949-016-61079	Sequence 61079, A
C 41	18.2	72.8	601	3	US-09-820-003C-37	Sequence 37, Appl
C 42	18.2	72.8	723	3	US-09-016-434-1422	Sequence 1422, Ap
C 43	18.2	72.8	1255	3	US-09-949-016-1772	Sequence 1772, Ap
C 44	18.2	72.8	1405	3	US-09-820-003C-1	Sequence 1, Appli
C 45	18.2	72.8	1446	3	US-08-787-091-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match 100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCGCCATAGCGAA 25

Db 1487 GTGACATTTTCACGCGCCATAGCGAA 1463

RESULT 2

US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31

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; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
    |||||
Db 1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 3
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE OF INVENTION: Protective Effect on Large Intestinal Mucosa
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99/02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match          100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
    |||||
Db 1553 GTGACATTTTCACGGCCATAGCGAA 1529

RESULT 4
US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; FILE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA

Query Match          100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
    |||||
Db 1553 GTGACATTTTCACGGCCATAGCGAA 1529
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; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-1

Query Match          100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
    |||||
Db 1625 GTGACATTTTCACGGCCATAGCGAA 1601

RESULT 5
US-08-784-649A-5/c
; Sequence 5, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; FILE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCATAGCGAA 25
|||||
Db 1625 GTGACATTTTCACGCCATAGCGAA 1601

RESULT 6

US-08-181-471-2/c
Sequence 2, Application US/08181471
Patent No. 5641508

GENERAL INFORMATION:
APPLICANT: Li, Lingna
APPLICANT: Lishko, Valeryi K.
TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
OPERATING SYSTEM: PC-DOS/MS-DOS
COMPOSITIONS TO HAIR FOLLICLES
NUMBER OF SEQUENCES: 3
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas Fitting
STREET: 12526 High Bluff Drive, Suite 300
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92130

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,471
FILING DATE: 13-JAN-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/041,553
FILING DATE: 02-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: ANT0029P

TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-3680
TELEFAX: 619-792-8477

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 4646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 425..4267

US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCATAGCGAA 25
|||||
Db 1911 GTGACATTTTCACGCCATAGCGAA 1887

RESULT 7

US-08-181-471-2/c
Sequence 2, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c
Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

Qy 1 GTGACATTTTCACGCCATAGCGAA 25
|||||
Db 1911 GTGACATTTTCACGCCATAGCGAA 1887

US-09-023-655-1167/c
Sequence 1167, Application US/09023655
Patent No. 6607879

GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Sellhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
LENGTH: 4646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: g187468

US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCATAGCGAA 25
|||||
Db 1911 GTGACATTTTCACGCCATAGCGAA 1887

RESULT 8

US-08-583-276-18/c
Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

US-08-583-276-18/c

Sequence 18, Application US/08583276
Patent No. 5837536

GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
MULTIDRUG RESISTANCE GENES AND IMPROVED
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
STREET: 6 Becker Farm Road

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/ CITY: Roseland
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07068
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: DNA V2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/583,276
/ FILING DATE: 31-OCT-1994
/ FILING DATE: 05-JAN-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/332,444
/ FILING DATE: 31-OCT-1994
/ FILING DATE: 07/887,712
/ FILING DATE: 22-MAY-1992
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: singular
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic DNA
/ DESCRIPTION: Genomic DNA
/ US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316,167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..424
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 425..4264
/ FEATURE:
/ NAME/KEY: 3'UTR
/ LOCATION: 4265..4669
/ US-08-752-447-1

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316,167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..424
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 425..4264
/ US-08-752-447-1
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; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
US-09-316-167-1

Query Match 100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1911 GTGACATTTTCACGCCCATAGCGAA 1887

RESULT 11
US-09-397-233-1/c
; Sequence 1, Application US/09397233
; Patent No. 6630327
; GENERAL INFORMATION:
; APPLICANT: Mechtner, Eugene
; Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehrnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/397,233
; FILING DATE: 16-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6630327an, Kevin B
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-397-233-1

Query Match 100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1911 GTGACATTTTCACGCCCATAGCGAA 1887
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RESULT 12
5206352-3/c
; Patent No. 5206352
; APPLICANT: Roninson, Igor B.;Pastan Ira H.;Gottesman,
; Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:3:
; LENGTH: 4669
5206352-3

Query Match 100.0%; Score 25; DB 9; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1911 GTGACATTTTCACGCCCATAGCGAA 1887

RESULT 13
US-08-793-610-5/c
; Sequence 5, Application US/08793610
; Patent No. 5858744
; GENERAL INFORMATION:
; APPLICANT: BAUM, Christopher
; APPLICANT: STOCKING-HARBERS, Carol
; APPLICANT: OSTERTAG, Wolfram
; TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,610
; FILING DATE: 07-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 31 973.8
; FILING DATE: 08-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 03 952.1
; FILING DATE: 07-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/BP95/03175
; FILING DATE: 10-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bertram, Richard J.
; REGISTRATION NUMBER: 39,105
; REFERENCE/DOCKET NUMBER: P1614-7007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-5000
; TELEFAX: (202)638-4810
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; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6505 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA
US-08-793-610-5

Query Match 100.0%; Score 25; DB 2; Length 6505;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 3303 GTGACATTTTCACGGCCATAGCGAA 3279

RESULT 14

US-09-306-417-1/c
; Sequence 1, Application US/09306417
; Patent No. 6548301
; GENERAL INFORMATION:
; APPLICANT: Heinrich-Pette-Institut
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
; FILE REFERENCE: P50491
; CURRENT APPLICATION NUMBER: US/09/306,417
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: DE 198 22 115
; EARLIER FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8630
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: proviral
; OTHER INFORMATION: plasmid DNA

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(160)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: m4 mdr-1 cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5215)..(5774)
; OTHER INFORMATION: 3'-LTR
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5775)..(8630)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(8630)
; OTHER INFORMATION: retroviral expression vector SFbeta71m4
US-09-306-417-1

Query Match 100.0%; Score 25; DB 3; Length 8630;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 2706 GTGACATTTTCACGGCCATAGCGAA 2682

RESULT 15

US-09-306-417-2/c
; Sequence 2, Application US/09306417
; Patent No. 6548301
; GENERAL INFORMATION:
; APPLICANT: Heinrich-Pette-Institut
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
; FILE REFERENCE: P50491
; CURRENT APPLICATION NUMBER: US/09/306,417
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: DE 198 22 115
; EARLIER FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 8630
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: proviral
; OTHER INFORMATION: plasmid DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(8630)
; OTHER INFORMATION: retroviral expression vector SFbeta91msA1
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(160)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: msA1 mdr1 cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5215)..(5774)
; OTHER INFORMATION: 3'-LTR
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5775)..(8630)
; OTHER INFORMATION: plasmid backbone (pUC)
US-09-306-417-2

Query Match 100.0%; Score 25; DB 3; Length 8630;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 2706 GTGACATTTTCACGGCCATAGCGAA 2682

Search completed: April 1, 2006, 18:30:40
Job time : 79.4483 secs

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds
(without alignments)
355.980 Million cell updates/sec

Title: US-10-007-255-13
Perfect score: 25
Sequence: 1 GTGACATTTTCACGCCCATAGCGAA 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:
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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
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8: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	25	100.0	25	9	US-10-007-255-30
3	25	100.0	219	6	US-10-029-386-15991
4	25	100.0	584	6	US-10-029-386-2291
5	25	100.0	765	8	US-10-484-577-674
6	25	100.0	2307	3	US-09-805-020-31
7	25	100.0	3258	9	US-10-794-514A-394
8	25	100.0	3840	7	US-10-384-339C-30
9	25	100.0	3860	3	US-09-866-866A-1
10	25	100.0	3860	3	US-09-866-866A-3
11	25	100.0	4192	8	US-10-651-237-53
12	25	100.0	4192	8	US-10-782-413-53
13	25	100.0	4533	3	US-09-805-020-30
14	25	100.0	4643	5	US-10-072-621-2
15	25	100.0	4643	5	US-10-097-340-1
16	25	100.0	4643	6	US-10-007-926A-258
17	25	100.0	4643	10	US-11-050-926-1
18	25	100.0	4646	3	US-09-968-007A-459
19	25	100.0	4646	3	US-09-968-007A-747
20	25	100.0	4646	7	US-10-641-643-1167
21	25	100.0	4646	7	US-10-343-657-1
22	25	100.0	4646	8	US-10-775-169-198
23	25	100.0	4646	9	US-10-843-641A-6929

ALIGNMENTS

RESULT 1

US-10-007-255-13
; Sequence 13, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-007-255-13

Query Match 100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTTCACGCCCATAGCGAA 25
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Db 1 GTGACATTTTTCACGCCCATAGCGAA 25

RESULT 2

US-10-007-255-30/c
; Sequence 30, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 25
; TYPE: DNA

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Sequence 164, App
Sequence 392, App
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 673, App
Sequence 681, App
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 5, Appli
Sequence 1424, Ap
Sequence 265, App
Sequence 1484, Ap
Sequence 3, Appli
Sequence 2745, Ap
Sequence 2672, Ap

c 24 25 100.0 4646 9 US-10-843-641A-7217
c 25 25 100.0 4646 9 US-10-505-680-164
c 26 25 100.0 4646 9 US-10-794-514A-392
c 27 25 100.0 4646 9 US-10-007-255-1
c 28 25 100.0 4669 7 US-10-680-516-1
c 29 25 100.0 8630 3 US-09-306-417-1
c 30 25 100.0 8630 3 US-09-306-417-2
c 31 25 100.0 98472 8 US-10-484-577-673
c 32 25 100.0 128993 5 US-10-484-577-681
c 33 23.4 93.6 4317 5 US-10-044-671-1
c 34 23.4 93.6 4317 8 US-10-896-434-1
c 35 21.8 87.2 3852 6 US-10-101-433A-1
c 36 21.8 87.2 4186 7 US-10-619-359A-1
c 37 21.8 87.2 4189 3 US-09-866-866A-5
c 38 21.8 87.2 4195 7 US-10-619-359A-3
c 39 21.8 87.2 4254 3 US-09-917-800A-1424
c 40 21.8 87.2 4254 6 US-10-388-934-265
c 41 21.8 87.2 4254 7 US-10-152-319A-1484
c 42 21.8 87.2 4254 9 US-10-870-387-3
c 43 21.8 87.2 4298 8 US-10-335-053-32
c 44 21.8 87.2 4298 9 US-10-764-420-2745
c 45 21.8 87.2 4356 9 US-10-764-420-2672

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/ ORGANISM: homo sapiens
US-10-007-255-30

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
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Db 25 GTGACATTTTCACGGCCATAGCGAA 1

RESULT 3
US-10-029-386-15991
; Sequence 15991, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 15991
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR7.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
; OTHER INFORMATION: NT HIT: M29432.1, EVALUE 1.00e-120
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUE 8.00e-33
; OTHER INFORMATION: EST_HUMAN HIT: BG567305.1, EVALUE 1.10e+00
US-10-029-386-15991

Query Match      100.0%; Score 25; DB 6; Length 219;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
   |||||
Db 77 GTGACATTTTCACGGCCATAGCGAA 101

RESULT 4
US-10-029-386-2291
; Sequence 2291, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 2291
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR7.1
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/ OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
; OTHER INFORMATION: NT HIT: M29432.1, EVALUE 0.00e+00
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUE 4.00e-32
US-10-029-386-2291

Query Match      100.0%; Score 25; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 0.027;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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   |||||
Db 320 GTGACATTTTCACGGCCATAGCGAA 344

RESULT 5
US-10-484-577-674/c
; Sequence 674, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A1
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 674
; LENGTH: 765
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-674

Query Match      100.0%; Score 25; DB 8; Length 765;
Best Local Similarity 100.0%; Pred. No. 0.029;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
   |||||
Db 672 GTGACATTTTCACGGCCATAGCGAA 648

RESULT 6
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31
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Query Match 100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.035;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
DB 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 7
US-10-794-514A-394/c
; Sequence 394, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laue, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 394
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-394

Query Match 100.0%; Score 25; DB 9; Length 3258;
Best Local Similarity 100.0%; Pred. No. 0.037;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
DB 1288 GTGACATTTTCACGGCCATAGCGAA 1264

RESULT 8
US-10-384-339C-30/c
; Sequence 30, Application US/10384339C
; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR FILING DATE: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: mdr-1
; PATENT DOCUMENT NUMBER: AF016535
US-10-384-339C-30

Query Match 100.0%; Score 25; DB 7; Length 3840;

Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
DB 1484 GTGACATTTTCACGGCCATAGCGAA 1460

RESULT 9
US-09-866-866A-1/c
; Sequence 1, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 2000-05-31
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

Query Match 100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
DB 1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 10
US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 2000-05-31
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

Query Match 100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

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Db      1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 11
US-10-651-237-53/c
; Sequence 53, Application US/10651237
; Publication No. US20050048494A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: ADS-5003 US NP
; CURRENT APPLICATION NUMBER: US/10/651,237
; CURRENT FILING DATE: 2003-08-27
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-651-237-53

Query Match      100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1603 GTGACATTTTCACGGCCATAGCGAA 1579

RESULT 12
US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No. US20050048526A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match      100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1603 GTGACATTTTCACGGCCATAGCGAA 1579

RESULT 13
US-09-805-020-30/c
; Sequence 30, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-30

Query Match      100.0%; Score 25; DB 3; Length 4533;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 14
US-10-072-621-2/c
; Sequence 2, Application US/10072621
; Publication No. US20020169137A1
; GENERAL INFORMATION:
; APPLICANT: Reiner, Peter B.
; APPLICANT: Connop, Bruce P.
; APPLICANT: Pollard, Michelle
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
; FILE REFERENCE: 100103.402
; CURRENT APPLICATION NUMBER: US/10/072,621
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq For Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-072-621-2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1908 GTGACATTTTCACGGCCATAGCGAA 1884

RESULT 15
US-10-097-340-1/c
; Sequence 1, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Marjula GANNAVAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
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; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-340-1

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Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1908 GTGACATTTTCACGGCCATAGCGAA 1884

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Job time : 581.747 secs

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds
(without alignments)
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Title: US-10-007-255-13

Perfect score: 25

Sequence: 1 gtgacattttcagcgccatagcgaa 25

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA New:*

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- 2: /SIDSS/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 3: /SIDSS/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 4: /SIDSS/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
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- 6: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq1:*
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- 8: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq1:*
- 9: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq2:*
- 10: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq:*
- 11: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq1:*
- 12: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq2:*
- 13: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq3:*
- 14: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq4:*
- 15: /SIDSS/ptodata/2/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	4192	7	US-10-782-413-53
C 2	25	100.0	4192	8	US-10-826-585-36
C 3	25	100.0	4646	9	US-10-775-169-198
C 4	25	100.0	4646	14	US-11-045-578-5
C 5	23.4	93.6	4282	14	US-11-128-061-452
C 6	23.4	93.6	4282	14	US-11-128-049-452
C 7	23.4	93.6	4305	14	US-11-128-061-465
C 8	23.4	93.6	4305	14	US-11-128-049-465
C 9	21.8	87.2	4437	14	US-11-136-527-3399
C 10	21.8	87.2	5133	14	US-11-136-527-698
C 11	20.2	80.8	3958	14	US-11-128-061-455
C 12	20.2	80.8	3958	14	US-11-128-049-455
C 13	19	76.0	33	11	US-11-050-857-836
C 14	19	76.0	3321	11	US-11-050-857-175
C 15	19	76.0	3568	11	US-11-050-857-789
C 16	19	76.0	3636	11	US-11-050-857-794
C 17	19	76.0	3838	11	US-11-050-857-788
C 18	19	76.0	4013	11	US-11-050-857-786

19	76.0	4022	11	US-11-050-857-791	Sequence 791, App	
20	76.0	4270	11	US-11-050-857-790	Sequence 790, App	
21	76.0	4444	11	US-11-050-857-785	Sequence 785, App	
22	76.0	4596	11	US-11-050-857-784	Sequence 784, App	
23	76.0	6807	11	US-11-050-857-783	Sequence 783, App	
C 24	18.6	74.4	3990	14	US-11-136-527-2089	Sequence 2089, App
C 25	18.2	72.8	618	8	US-10-821-234-602	Sequence 602, App
C 26	18.2	72.8	1972	8	US-10-955-054A-153	Sequence 153, App
C 27	18.2	72.8	1972	9	US-10-501-035-89	Sequence 89, App
C 28	17.8	8892	9	US-10-330-773-672	Sequence 672, App	
C 29	17.6	70.4	631	6	US-09-925-065A-85730	Sequence 85730, A
C 30	17.6	70.4	631	9	US-10-301-480-186970	Sequence 186970, A
C 31	17.6	70.4	631	10	US-10-301-480-800379	Sequence 800379, A
C 32	17.6	70.4	641	6	US-09-925-065A-769283	Sequence 769283, A
C 33	17.6	70.4	641	6	US-09-925-065A-834524	Sequence 834524, A
C 34	17.2	68.8	2463	9	US-10-932-182A-6118	Sequence 6118, App
C 35	17.2	68.8	2463	9	US-10-932-182A-6118	Sequence 6118, App
C 36	17	68.0	422	6	US-09-925-065A-485076	Sequence 485076, A
C 37	17	68.0	422	6	US-09-925-065A-485077	Sequence 485077, A
C 38	17	68.0	548	9	US-10-301-480-65938	Sequence 65938, A
C 39	17	68.0	548	10	US-10-301-480-679347	Sequence 679347, A
C 40	17	68.0	578	6	US-09-925-065A-463296	Sequence 463296, A
C 41	17	68.0	578	6	US-09-925-065A-463297	Sequence 463297, A
C 42	17	68.0	579	10	US-10-301-480-519809	Sequence 519809, A
C 43	17	68.0	579	10	US-10-301-480-519810	Sequence 519810, A
C 44	17	68.0	579	10	US-10-301-480-1133218	Sequence 1133218, A
C 45	17	68.0	579	10	US-10-301-480-1133219	Sequence 1133219, A

ALIGNMENTS

RESULT 1

US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No. US20060063157A9
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTTCACGGCCATAGCGAA 25

Db 1603 GTGACATTTTTCACGGCCATAGCGAA 1579

RESULT 2

US-10-826-585-36/c
; Sequence 36, Application US/10826585
; Publication No. US20060008807A1
; GENERAL INFORMATION:
; APPLICANT: Immunivest Corporation
; APPLICANT: O'Hara, Shawn Mark
; APPLICANT: Foulk, Brad
; APPLICANT: Zweitzig, Daniel
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

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; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1603 GTGACATTTTCACGGCCATAGCGAA 1579

RESULT 3
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 4
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
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; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDRI
US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 5
US-11-128-061-452/c
; Sequence 452, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997-027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-452

Query Match      93.6%; Score 23.4; DB 14; Length 4282;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1494 GTGACATTTTCACGGCCATAGCGAA 1470

RESULT 6
US-11-128-049-452/c
; Sequence 452, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
```

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; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; PRIOR FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc_feature
; FEATURE:
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-452

Query Match          93.6%; Score 23.4; DB 14; Length 4282;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGCCCATAGCGAA 25
    |||||||
DB 1494 GTGACATTTTCGCGCCATAGCGAA 1470

RESULT 7
US-11-128-061-465/c
; Sequence 465, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

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US-11-128-061-465

Query Match          93.6%; Score 23.4; DB 14; Length 4305;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGCCCATAGCGAA 25
    |||||||
DB 1589 GTGACATTTTCGCGCCATAGCGAA 1565

RESULT 8
US-11-128-049-465/c
; Sequence 465, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-465

Query Match          93.6%; Score 23.4; DB 14; Length 4305;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGCCCATAGCGAA 25
    |||||||
DB 1589 GTGACATTTTCGCGCCATAGCGAA 1565

RESULT 9
US-11-136-527-3399/c
; Sequence 3399, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AMI01086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3399
; LENGTH: 4437
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-3399

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Query Match      87.2%; Score 21.8; DB 14; Length 4437;
Best Local Similarity 92.0%; Pred. No. 0.53;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GTGCACATTTTCACGGCCCATAGCGAA 25
      ||||| ||||| ||||| ||||| |||||
Db      1586 GTGACGTTTTCGCGCCATAGCGAA 1562

RESULT 10
US-11-136-527-698/c
; Sequence 698, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCES: G31896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 698
; LENGTH: 5133
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-698

Query Match      87.2%; Score 21.8; DB 14; Length 5133;
Best Local Similarity 92.0%; Pred. No. 0.55;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GTGCACATTTTCACGGCCCATAGCGAA 25
      ||||| ||||| ||||| ||||| |||||
Db      1754 GTGACGTTTTCGCGCCATAGCGAA 1730

RESULT 11
US-11-128-061-455/c
; Sequence 455, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCES: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 455
; LENGTH: 3958
; TYPE: DNA
; ORGANISM: Cricetus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (152)..(172)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (743)..(758)
; OTHER INFORMATION: n is a, c, g, or t

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US-11-050-857-836
; Sequence 836, Application US/11050857
; Publication No. US20060040278A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1005
; CURRENT APPLICATION NUMBER: US/11/050,857
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1150
; SEQ ID NO 836
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-050-857-836

Query Match          76.0%; Score 19; DB 11; Length 33;
Best Local Similarity 100.0%; Pred. No. 5.5;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
DB      3 ACATTTTCACGGCCATAGC 21

RESULT 14
US-11-250-759-175
; Sequence 175, Application US/11250759
; Publication No. US20060057141A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.484C10
; CURRENT APPLICATION NUMBER: US/11/250,759
; CURRENT FILING DATE: 2005-10-14
; PRIOR APPLICATION NUMBER: 10/369,186
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 10/361,811
; PRIOR FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: 10/212,677
; PRIOR FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/970,966
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 09/825,294
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 09/713,550
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 09/656,668
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 09/640,173
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/561,778
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 09/394,374
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 293
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 3321
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-250-759-175

Query Match          76.0%; Score 19; DB 11; Length 3321;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
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DB      2988 ACATTTTCACGGCCATAGC 3006

RESULT 15
US-11-050-857-789
; Sequence 789, Application US/11050857
; Publication No. US20060040278A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1005
; CURRENT APPLICATION NUMBER: US/11/050,857
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1150
; SEQ ID NO 789
; LENGTH: 3568
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-050-857-789

Query Match          76.0%; Score 19; DB 11; Length 3568;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
DB      3237 ACATTTTCACGGCCATAGC 3255
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Search completed: April 2, 2006, 01:44:30
Job time : 513.506 secs

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OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 78.4483 Seconds
(without alignments)
566.476 Million cell updates/sec

Title: US-10-007-255-14
Perfect score: 25
Sequence: 1 cgaaccaggcactgcaatggcga 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	2726	2	US-08-461-823-1
C 2	25	100.0	3852	3	US-10-101-433A-1
C 3	25	100.0	3860	3	US-09-584-586-1
C 4	25	100.0	3860	3	US-09-584-586-3
C 5	25	100.0	3924	3	US-09-023-655-1168
C 6	25	100.0	3984	3	US-09-762-195-2
C 7	25	100.0	3988	3	US-09-762-195-1
C 8	25	100.0	4186	3	US-09-672-810-1
C 9	25	100.0	4195	3	US-09-672-810-3
C 10	25	100.0	4264	2	US-08-784-649A-1
C 11	25	100.0	4264	2	US-08-784-649A-5
C 12	25	100.0	4646	2	US-08-181-471-2
C 13	25	100.0	4646	3	US-09-023-655-1167
C 14	25	100.0	4669	2	US-08-583-276-18
C 15	25	100.0	4669	2	US-08-752-447-1
C 16	25	100.0	4669	3	US-09-316-167-1
C 17	25	100.0	4669	3	US-09-397-233-1
C 18	25	100.0	4669	9	5206352-3
C 19	25	100.0	6505	2	US-08-793-610-5
C 20	25	100.0	8630	3	US-09-306-417-1
C 21	25	100.0	8630	3	US-09-306-417-2
C 22	25	100.0	9318	2	US-08-793-610-6
C 23	21.8	87.2	4279	3	US-09-672-725C-1
C 24	21.8	87.2	4279	3	US-09-672-725C-22

C 25	21.8	87.2	4279	3	US-09-672-725C-24
C 26	21.8	87.2	4279	3	US-09-672-725C-26
C 27	21.8	87.2	4317	3	US-09-672-725C-3
C 28	21.8	87.2	4317	3	US-10-044-671-1
C 29	20.2	80.8	4189	3	US-09-584-586-5
C 30	20.2	80.8	4233	3	US-09-120-513-1
C 31	20.2	80.8	4233	3	US-09-450-105-1
C 32	20.2	80.8	4788	3	US-09-584-586-7
C 33	18.6	74.4	1175	3	US-09-873-409-11
C 34	18.6	74.4	1940	3	US-09-873-409-16
C 35	18.6	74.4	2021	3	US-09-873-409-15
C 36	18.6	74.4	2856	3	US-09-873-409-10
C 37	18.6	74.4	3177	3	US-09-873-409-12
C 38	18.6	74.4	3621	3	US-09-873-409-14
C 39	18.6	74.4	3702	3	US-09-873-409-13
C 40	18.6	74.4	4047	2	US-08-612-734B-1
C 41	18.6	74.4	4800	2	US-08-612-734B-3
C 42	18.2	72.8	690	3	US-09-540-236-1532
C 43	17.8	71.2	601	3	US-09-949-016-191243
C 44	17.8	71.2	601	3	US-09-949-016-191244
C 45	17.8	71.2	30847	3	US-09-949-016-16657

ALIGNMENTS

RESULT 1
US-08-461-823-1/c
; Sequence 1, Application US/08461823
; Patent No. 5593840
; GENERAL INFORMATION:
; APPLICANT: Bhatnagar, Satish K.
; APPLICANT: George Jr., Albert L.
; APPLICANT: Nazarenko, Irina
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OncorPharm, Inc.
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20877
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,823
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/168,621
; FILING DATE: 16-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,433
; FILING DATE: 27-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Karta, Glenn E.
; REGISTRATION NUMBER: 30,649
; REFERENCE/DOCKET NUMBER: PA-0012 CIP 2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301 527-2058
; TELEFAX: 301 208-6997
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2726 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO

; ANTI-SENSE: NO
US-08-461-823-1

Query Match 100.0%; Score 25; DB 2; Length 2726;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
DB 144 CGAACCCAGGGCAGTGCATGGCGA 120

RESULT 2

US-10-101-433A-1/c
; Sequence 1, Application US/10101433A

; Patent No. 6855812

; GENERAL INFORMATION:

; APPLICANT: Hanscom, Sara

; APPLICANT: Crespi, Charles

; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF

; FILE REFERENCE: G0307/70019

; CURRENT APPLICATION NUMBER: US/10/101,433A

; PRIOR FILING DATE: 2002-03-19

; PRIOR APPLICATION NUMBER: US 60/277,095

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1

; LENGTH: 3852

; TYPE: DNA

; ORGANISM: Macaca mulatta

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (1)..(3852)

US-10-101-433A-1

Query Match

Best Local Similarity 100.0%; Score 25; DB 3; Length 3852;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
DB 1649 CGAACCCAGGGCAGTGCATGGCGA 1625

RESULT 3

US-09-584-586-1/c

; Sequence 1, Application US/09584586

; Patent No. 6933150

; GENERAL INFORMATION:

; APPLICANT: Sorrentino, Brian

; APPLICANT: Bunting, Kevin

; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH

; FILE REFERENCE: MDR-1 METHODS OF USE THEREOF

; FILE REFERENCE: 1340-1-021CIP

; CURRENT APPLICATION NUMBER: US/09/584,586

; CURRENT FILING DATE: 2000-05-31

; EARLIER APPLICATION NUMBER: US 60/086,988

; EARLIER FILING DATE: 1998-05-28

; EARLIER APPLICATION NUMBER: PCT/US99/11825

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1

; LENGTH: 3860

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Human MDR 185-G

US-09-584-586-1

Query Match

Best Local Similarity 100.0%; Score 25; DB 3; Length 3860;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
DB 1640 CGAACCCAGGGCAGTGCATGGCGA 1616

RESULT 4

US-09-584-586-3/c

; Sequence 3, Application US/09584586

; Patent No. 6933150

; GENERAL INFORMATION:

; APPLICANT: Sorrentino, Brian

; APPLICANT: Bunting, Kevin

; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH

; FILE REFERENCE: MDR-1 METHODS OF USE THEREOF

; FILE REFERENCE: 1340-1-021CIP

; CURRENT APPLICATION NUMBER: US/09/584,586

; CURRENT FILING DATE: 2000-05-31

; EARLIER APPLICATION NUMBER: US 60/086,988

; EARLIER FILING DATE: 1998-05-28

; EARLIER APPLICATION NUMBER: PCT/US99/11825

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 3860

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Human MDR 185-V

US-09-584-586-3

Query Match

Best Local Similarity 100.0%; Score 25; DB 3; Length 3860;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
DB 1640 CGAACCCAGGGCAGTGCATGGCGA 1616

RESULT 5

US-09-023-655-1168/c

; Sequence 1168, Application US/09023655

; Patent No. 6607879

; GENERAL INFORMATION:

; APPLICANT: Cocks, Benjamin G.

; APPLICANT: Susan G. Stuart

; APPLICANT: Jeffrey J. Seilhamer

; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE

; NUMBER OF SEQUENCES: 1508

; CORRESPONDENCE ADDRESS:

; ADDRESS: INCYTE PHARMACEUTICALS, INC.

; STREET: 3174 PORTER DRIVE

; CITY: PALO ALTO

; STATE: CALIFORNIA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/023,655

; FILING DATE: HEREWITH

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; CLASSIFICATION:

; OTHER INFORMATION:

US-09-584-586-1


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; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. NO. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CGAACGAGGCGACGTGCAATGGCGA 25
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Db      1706 CGAACGAGGCGACGTGCAATGGCGA 1682

RESULT 8
US-09-672-810-1/c
; Sequence 1, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-09-672-810-1

Query Match      100.0%; Score 25; DB 3; Length 4186;
Best Local Similarity 100.0%; Pred. NO. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CGAACGAGGCGACGTGCAATGGCGA 25
      |||
Db      1739 CGAACGAGGCGACGTGCAATGGCGA 1715

RESULT 9
US-09-672-810-3/c
; Sequence 3, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818

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;; PRIOR FILING DATE: 1999-10-12
;; NUMBER OF SEQ ID NOS: 18
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 3
;; LENGTH: 4195
;; TYPE: DNA
;; ORGANISM: Macaca fascicularis
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (100)...(3949)
US-09-672-810-3

Query Match 100.0%; Score 25; DB 3; Length 4195;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
|||||
Db 1748 CGAACCCAGGCGACGTGCAATGGCGA 1724

RESULT 10

US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:

;; APPLICANT: Sikic, Branimir I
;; APPLICANT: Chen, Gang
;; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
;; TITLE OF INVENTION: CYCLOSPORIN MODULATION
;; NUMBER OF SEQUENCES: 5
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Fish & Richardson
;; STREET: 2200 Sand Hill Road
;; CITY: Menlo Park
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94025

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk

;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/784,649A
;; FILING DATE:

;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:

;; NAME: Sherwood, Pamela J
;; REGISTRATION NUMBER: Reg.No. 5830697 36,677

;; REFERENCE/DOCKET NUMBER: 06037/007001
;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 415-322-5070
;; TELEFAX: 415-854-0875

;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 4264 base pairs
;; TYPE: nucleic acid

;; STRANDEDNESS: single
;; TOPOLOGY: linear

;; MOLECULE TYPE: cDNA
US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
|||||
Db 1778 CGAACCCAGGCGACGTGCAATGGCGA 1754

RESULT 11

US-08-784-649A-5/c
; Sequence 5, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:

;; APPLICANT: Sikic, Branimir I
;; APPLICANT: Chen, Gang

;; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
;; TITLE OF INVENTION: CYCLOSPORIN MODULATION
;; NUMBER OF SEQUENCES: 5

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Fish & Richardson
;; STREET: 2200 Sand Hill Road

;; CITY: Menlo Park
;; STATE: CA

;; COUNTRY: USA
;; ZIP: 94025

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk

;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/784,649A
;; FILING DATE:

;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:

;; NAME: Sherwood, Pamela J
;; REGISTRATION NUMBER: Reg.No. 5830697 36,677

;; REFERENCE/DOCKET NUMBER: 06037/007001
;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 415-322-5070
;; TELEFAX: 415-854-0875

;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 4264 base pairs
;; TYPE: nucleic acid

;; STRANDEDNESS: single
;; TOPOLOGY: linear

;; MOLECULE TYPE: cDNA
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
|||||
Db 1778 CGAACCCAGGCGACGTGCAATGGCGA 1754

RESULT 12

US-08-181-471-2/c
; Sequence 2, Application US/08181471

;; Patent No. 5641508
;; GENERAL INFORMATION:

;; APPLICANT: Li, Lingna
;; APPLICANT: Lishko, Valeryi K.

;; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
;; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES
;; NUMBER OF SEQUENCES: 3

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Thomas Fitting
;; STREET: 12526 High Bluff Drive, Suite 300

;; CITY: San Diego
;; STATE: CA

;; COUNTRY: USA
;; ZIP: 92130

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk

;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/181,471
FILING DATE: 13-JAN-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/041,553
FILING DATE: 02-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: ANT0029P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-3680
TELEFAX: 619-792-8477
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 4646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 425...4267
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040

RESULT 13
US-023-655-1167/c
Sequence 1167, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
LENGTH: 4646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: g187468
US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040

RESULT 14
US-08-583-276-18/c
Sequence 18, Application US/08583276
Patent No. 5837536
GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
TITLE OF INVENTION: SELECTED DRUG RESISTANCE GENES AND IMPROVED
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi & Stewart
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: DW4 V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1992
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 4669 bases
TYPE: nucleic acid
STRANDEDNESS: singular
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: Genomic DNA
US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040

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RESULT 15
US-08-752-447-1/C
; Sequence 1, Application US/08752447
; Patent No. 5994088
; GENERAL INFORMATION:
; APPLICANT: Mechetner, Eugene
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; TITLE OF INVENTION: Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehrnen Hulbert & Berghoff Ltd.
; STREET: 300 South Wacker Drive, Seventh Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/752,447
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5994088nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-9808
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
US-08-752-447-1

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 2064 CGAACCCAGGCGCAGTGCATGGCGA 2040

Search completed: April 1, 2006, 18:30:50
Job time : 78.4483 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds
(without alignments)
355.980 Million cell updates/sec

Title: US-10-007-255-14

Perfect score: 25

Sequence: 1 cgaaccaggcgcgtgcaatggcga 25

Scoring table:

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA_Main:
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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*
4: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
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9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq.*
10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	25	100.0	25	9	US-10-007-255-14
C 2	25	100.0	25	9	US-10-007-255-31
C 3	25	100.0	2307	3	US-09-805-020-31
C 4	25	100.0	3153	9	US-10-794-514A-396
C 5	25	100.0	3258	9	US-10-794-514A-394
C 6	25	100.0	3825	7	US-10-363-112-48
C 7	25	100.0	3840	7	US-10-384-339C-30
C 8	25	100.0	3852	6	US-10-101-433A-1
C 9	25	100.0	3860	3	US-09-866-866A-1
C 10	25	100.0	3860	3	US-09-866-866A-3
C 11	25	100.0	3924	7	US-09-880-107-2299
C 12	25	100.0	3924	7	US-10-641-643-1168
C 13	25	100.0	4186	7	US-10-619-359A-1
C 14	25	100.0	4192	8	US-10-651-237-53
C 15	25	100.0	4192	8	US-10-782-413-53
C 16	25	100.0	4195	7	US-10-619-359A-3
C 17	25	100.0	4533	3	US-09-805-020-30
C 18	25	100.0	4543	5	US-10-072-621-2
C 19	25	100.0	4643	5	US-10-097-340-1
C 20	25	100.0	4643	6	US-10-007-926A-258
C 21	25	100.0	4643	10	US-11-050-326-1
C 22	25	100.0	4646	3	US-09-968-007A-459
C 23	25	100.0	4646	3	US-09-968-007A-747

C 24	25	100.0	4646	7	US-10-641-643-1167	Sequence 1167, Ap
C 25	25	100.0	4646	7	US-10-343-657-1	Sequence 1, Appli
C 26	25	100.0	4646	8	US-10-775-169-198	Sequence 198, App
C 27	25	100.0	4646	9	US-10-843-641A-6929	Sequence 6929, Ap
C 28	25	100.0	4646	9	US-10-843-641A-7217	Sequence 7217, Ap
C 29	25	100.0	4646	9	US-10-505-680-164	Sequence 164, App
C 30	25	100.0	4646	9	US-10-794-514A-392	Sequence 392, App
C 31	25	100.0	4646	9	US-10-007-255-1	Sequence 1, Appli
C 32	25	100.0	4669	7	US-10-680-516-1	Sequence 1, Appli
C 33	25	100.0	5785	9	US-10-887-553A-389	Sequence 389, App
C 34	25	100.0	8630	3	US-09-306-417-1	Sequence 1, Appli
C 35	25	100.0	8630	3	US-09-306-417-2	Sequence 2, Appli
C 36	25	100.0	98472	8	US-10-484-577-673	Sequence 673, App
C 37	25	100.0	128993	8	US-10-484-577-681	Sequence 681, App
C 38	21.8	87.2	4317	5	US-10-044-671-1	Sequence 1, Appli
C 39	21.8	87.2	4317	8	US-10-896-434-1	Sequence 1, Appli
C 40	20.2	80.8	3912	3	US-09-917-800A-1560	Sequence 1560, Ap
C 41	20.2	80.8	4189	3	US-09-866-866A-5	Sequence 5, Appli
C 42	20.2	80.8	4254	3	US-09-917-800A-1424	Sequence 1424, Ap
C 43	20.2	80.8	4254	6	US-10-388-934-265	Sequence 265, App
C 44	20.2	80.8	4254	7	US-10-152-319A-1484	Sequence 1484, Ap
C 45	20.2	80.8	4254	9	US-10-870-387-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-10-007-255-14
; Sequence 14, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 25
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-14

Query Match 100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.048;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCAGCGTCAATGGCGA 25
Db 1 CGAACCAGGGCAGCGTCAATGGCGA 25

RESULT 2
US-10-007-255-31/C
; Sequence 31, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 25
; TYPE: DNA

; ORGANISM: homo sapiens
US-10-007-255-31

Query Match 100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.049;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCGACGTGCAATGGCGA 25
Db 25 CGAACACGGGCGACGTGCAATGGCGA 1

RESULT 3

US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)-(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31

Query Match 100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCGACGTGCAATGGCGA 25
Db 2064 CGAACACGGGCGACGTGCAATGGCGA 2040

RESULT 4

US-10-794-514A-396/c
; Sequence 396, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 396
; LENGTH: 3153
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-396

Query Match 100.0%; Score 25; DB 9; Length 3153;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCGACGTGCAATGGCGA 25
Db 1266 CGAACACGGGCGACGTGCAATGGCGA 1242

RESULT 5

US-10-794-514A-394/c
; Sequence 394, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 394
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-394

Query Match 100.0%; Score 25; DB 9; Length 3258;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCGACGTGCAATGGCGA 25
Db 1435 CGAACACGGGCGACGTGCAATGGCGA 1411

RESULT 6

US-10-363-112-48/c
; Sequence 48, Application US/10363112
; Publication No. US20040091964A1
; GENERAL INFORMATION:
; APPLICANT: THE AUSTRALIAN NATIONAL UNIVERSITY
; APPLICANT: BOARD, PHILLIP
; APPLICANT: HARRIS, MATTHEW
; TITLE OF INVENTION: MODIFIED PROTEINS, ISOLATED NOVEL PEPTIDES, AND USES THEREOF
; FILE REFERENCE: 007643-0302189
; CURRENT APPLICATION NUMBER: US/10/363,112
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: PCT/AU01/01093
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/229,663
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 3825
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(3825)
US-10-363-112-48

Query Match 100.0%; Score 25; DB 7; Length 3825;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCGACGTGCAATGGCGA 25
Db 1646 CGAACACGGGCGACGTGCAATGGCGA 1622

RESULT 7

US-10-384-339C-30/c
; Sequence 30, Application US/10384339C

Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GENE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: ndr-1
; PATENT DOCUMENT NUMBER: AF016535
US-10-384-339C-30

Query Match 100.0%; Score 25; DB 7; Length 3840;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCAGTGCATGGCGA 25
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Db 1637 CGAACCAGGGCAGTGCATGGCGA 1613

RESULT 8

US-10-101-433A-1/c
; Sequence 1, Application US/10101433A
; Publication No. US20030119726A1
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019
; CURRENT APPLICATION NUMBER: US/10/101,433A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/277,095
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3852
; TYPE: DNA
; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(3852)
US-10-101-433A-1

Query Match 100.0%; Score 25; DB 6; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCAGTGCATGGCGA 25
|||||
Db 1649 CGAACCAGGGCAGTGCATGGCGA 1625

RESULT 9

US-09-866-866A-1/c
; Sequence 1, Application US/09866866A

Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

Query Match 100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCAGTGCATGGCGA 25
|||||
Db 1640 CGAACCAGGGCAGTGCATGGCGA 1616

RESULT 10

US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

Query Match 100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCAGTGCATGGCGA 25
|||||
Db 1640 CGAACCAGGGCAGTGCATGGCGA 1616

RESULT 11

US-09-880-107-2299/c
; Sequence 2299, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe

APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2299
; LENGTH: 3924
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 M23234
US-09-880-107-2299

Query Match 100.0%; Score 25; DB 3; Length 3924;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1678 CGAACCCAGGCGACGTGCAATGGCGA 1654

RESULT 12
US-10-641-643-1168/c
; Sequence 1168, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; Susan G. Stuart
; Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3924 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK

CLONE: g187501
; SEQUENCE DESCRIPTION: SEQ ID NO: 1168 :
US-10-641-643-1168

Query Match 100.0%; Score 25; DB 7; Length 3924;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1678 CGAACCCAGGCGACGTGCAATGGCGA 1654

RESULT 13
US-10-619-359A-1/c
; Sequence 1, Application US/10619359A
; Publication No. US20040077000A1
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307.70020.US
; CURRENT APPLICATION NUMBER: US/10/619,359A
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: US 09/672,810
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-10-619-359A-1

Query Match 100.0%; Score 25; DB 7; Length 4186;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1739 CGAACCCAGGCGACGTGCAATGGCGA 1715

RESULT 14
US-10-651-237-53/c
; Sequence 53, Application US/10651237
; Publication No. US20050048494A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: ADS-5003 US NP
; CURRENT APPLICATION NUMBER: US/10/651,237
; CURRENT FILING DATE: 2003-08-27
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-651-237-53

Query Match 100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCAGGGCAGTGCATGGCGA 25
 Db 1756 CGAACCAGGGCAGTGCATGGCGA 1732

RESULT 15

US-10-782-413-53/C
 ; Sequence 53, Application US/10782413
 ; Publication No. US20050048526A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ortho-Clinical Diagnostics, Inc.
 ; APPLICANT: Wang, Yixin
 ; TITLE OF INVENTION: Colorectal Cancer Prognostics
 ; FILE REFERENCE: VDX-5002 CIP
 ; CURRENT APPLICATION NUMBER: US/10/782,413
 ; CURRENT FILING DATE: 2004-02-18
 ; PRIOR APPLICATION NUMBER: 10/651,237
 ; PRIOR FILING DATE: 2003-08-28
 ; NUMBER OF SEQ ID NOS: 94
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 53
 ; LENGTH: 4192
 ; TYPE: DNA
 ; ORGANISM: human
 US-10-782-413-53

Query Match 100.0%; Score 25; DB 8; Length 4192;
 Best Local Similarity 100.0%; Pred. No. 0.051;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCAGGGCAGTGCATGGCGA 25
 Db 1756 CGAACCAGGGCAGTGCATGGCGA 1732

Search completed: April 2, 2006, 11:52:27
 Job time : 580.747 secs

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds
(without alignments)
194.399 Million cell updates/sec

Title: US-10-007-255-14
Perfect score: 25
Sequence: 1 cgaaccaggacgtgcaatggcga 25

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

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Maximum Match 100%
Listing first 45 summaries

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- 2: /SIDSS/ptodata/2/pubpna/US06_NEW_PUB.seq*
- 3: /SIDSS/ptodata/2/pubpna/US07_NEW_PUB.seq*
- 4: /SIDSS/ptodata/2/pubpna/PCT_NEW_PUB.seq*
- 5: /SIDSS/ptodata/2/pubpna/US09_NEW_PUB.seq*
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- 8: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq1*
- 9: /SIDSS/ptodata/2/pubpna/US10_NEW_PUB.seq2*
- 10: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq*
- 11: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq2*
- 12: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq3*
- 13: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq4*
- 14: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq5*
- 15: /SIDSS/ptodata/2/pubpna/US60_NEW_PUB.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
C 1	25	100.0	4192	7	US-10-782-413-53
C 2	25	100.0	4192	8	US-10-826-585-36
C 3	25	100.0	4646	9	US-10-775-169-198
C 4	25	100.0	4646	14	US-11-045-578-5
C 5	21.8	87.2	4282	14	US-11-128-061-452
C 6	21.8	87.2	4282	14	US-11-128-049-452
C 7	21.8	87.2	4305	14	US-11-128-061-465
C 8	21.8	87.2	4305	14	US-11-128-049-465
C 9	20.2	80.8	3990	14	US-11-136-527-2089
C 10	20.2	80.8	4437	14	US-11-136-527-3399
C 11	20.2	80.8	5133	14	US-11-136-527-698
C 12	19.2	76.8	4299	11	US-11-114-962-11
C 13	18.6	74.4	549	6	US-09-925-065A-328836
C 14	18.6	74.4	562	10	US-10-301-480-402770
C 15	18.6	74.4	562	10	US-10-301-480-1016179
C 16	18.6	74.4	3958	14	US-11-128-061-455
C 17	18.6	74.4	3958	14	US-11-128-049-455
C 18	18.2	72.8	933	10	US-10-301-480-604219

C 19	18.2	72.8	933	10	US-10-301-480-1217628
C 20	18.2	72.8	1764	13	US-11-082-389-181
C 21	18.2	72.8	3974	14	US-11-136-527-2534
C 22	17.8	71.2	568	6	US-09-925-065A-652779
C 23	17.8	71.2	570	6	US-09-925-065A-123105
C 24	17.8	71.2	570	6	US-09-925-065A-220429
C 25	17.6	70.4	1626	9	US-10-932-182A-2084
C 26	17.6	70.4	1626	9	US-10-932-182A-2084
C 27	17.6	70.4	4293	11	US-11-114-962-6
C 28	17.6	70.4	4293	11	US-11-136-527-3386
C 29	17.6	70.4	37507	8	US-10-522-037-2
C 30	17.2	68.8	565	6	US-09-925-065A-389306
C 31	17.2	68.8	565	6	US-09-925-065A-389307
C 32	17.2	68.8	575	10	US-10-301-480-457682
C 33	17.2	68.8	575	10	US-10-301-480-457683
C 34	17.2	68.8	575	10	US-10-301-480-1071091
C 35	17.2	68.8	575	10	US-10-301-480-1071092
C 36	17.2	68.8	619	6	US-09-925-065A-478825
C 37	17.2	68.8	693	8	US-10-467-657-4885
C 38	17.2	68.8	2090	14	US-11-128-061-1016
C 39	17.2	68.8	2090	14	US-11-128-049-1016
C 40	17	68.0	512	10	US-10-301-480-357073
C 41	17	68.0	512	10	US-10-301-480-357074
C 42	17	68.0	512	10	US-10-301-480-970482
C 43	17	68.0	512	10	US-10-301-480-970483
C 44	17	68.0	514	6	US-09-925-065A-280109
C 45	17	68.0	514	6	US-09-925-065A-280110

ALIGNMENTS

RESULT 1

US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No. US20060063157A9
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1756 CGAACCCAGGCGACGTGCAATGGCGA 1732

RESULT 2

US-10-826-585-36/c
; Sequence 36, Application US/10826585
; Publication No. US20060000807A1
; GENERAL INFORMATION:
; APPLICANT: Immunivest Corporation
; APPLICANT: O'Hara, Shawn Mark
; APPLICANT: Foulk, Brad
; APPLICANT: Zweitzig, Daniel
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

```
; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/359945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1756 CGAACCCAGGCGACGTGCAATGGCGA 1732

RESULT 3
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 2064 CGAACCCAGGCGACGTGCAATGGCGA 2040

RESULT 4
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; FILE REFERENCE: 016336-0025100S
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
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; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDRI
US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 2064 CGAACCCAGGCGACGTGCAATGGCGA 2040

RESULT 5
US-11-128-061-452/c
; Sequence 452, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1696)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-452

Query Match      87.2%; Score 21.8; DB 14; Length 4282;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1647 CGGACCCAGGCGACGAGCAATGGCGA 1623

RESULT 6
US-11-128-049-452/c
; Sequence 452, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
```

```

; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-452

Query Match      87.2%; Score 21.8; DB 14; Length 4282;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1647 CGGACCCAGGCGACGAGCAATGGCGA 1623

RESULT 7
US-11-128-061-465/c
; Sequence 465, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

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US-11-128-061-465

Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1742 CGGACCCAGGCGACGAGCAATGGCGA 1718

RESULT 8
US-11-128-049-465/c
; Sequence 465, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Miller, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-465

Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25
Db 1742 CGGACCCAGGCGACGAGCAATGGCGA 1718

RESULT 9
US-11-136-527-2089/c
; Sequence 2089, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2089
; LENGTH: 3990
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-2089

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Query Match 80.8%; Score 20.2; DB 14; Length 3990;
Best Local Similarity 88.0%; Pred. No. 7.9;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCACGTGCAATGGCGA 25
Db 1669 CGGACCAAGGCACGAGCAATGGCGA 1645

RESULT 10

US-11-136-527-3399/c
; Sequence 3399, Application US/11136527
; Publication No. US20050287570A1

GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3399
; LENGTH: 4437
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-3399

Query Match 80.8%; Score 20.2; DB 14; Length 4437;
Best Local Similarity 88.0%; Pred. No. 8;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCACGTGCAATGGCGA 25
Db 1739 CGGACCAAGGCACGCGCAATGGCGA 1715

RESULT 11

US-11-136-527-698/c
; Sequence 698, Application US/11136527
; Publication No. US20050287570A1

GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 698
; LENGTH: 5133
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-698

Query Match 80.8%; Score 20.2; DB 14; Length 5133;
Best Local Similarity 88.0%; Pred. No. 8.1;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCACGTGCAATGGCGA 25
Db 1907 CGGACCAAGGCACGCGCAATGGCGA 1883

RESULT 12

US-11-114-962-11
; Sequence 11, Application US/11114962
; Publication No. US20060030694A1

; GENERAL INFORMATION:
; APPLICANT: Kitajewski, Jan
; APPLICANT: Shawber, Carrie
; APPLICANT: Funahashi, Yasuhiro
; TITLE OF INVENTION: Notch-Based Fusion Proteins And Uses Thereof
; FILE REFERENCE: 0575/71308-A
; CURRENT APPLICATION NUMBER: US/11/114,962
; CURRENT FILING DATE: 2005-04-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 4299
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-114-962-11

Query Match 76.8%; Score 19.2; DB 11; Length 4299;
Best Local Similarity 87.5%; Pred. No. 24;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GAACCAAGGCACGTGCAATGGCGA 25
Db 2403 GAACCAAGGCACGTGTATTGACGA 2426

RESULT 13

US-09-925-065A-328836
; Sequence 328836, Application US/09925065A
; Publication No. US20040181048A1

GENERAL INFORMATION:

; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 328836
; LENGTH: 549
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-328836

Query Match 74.4%; Score 18.6; DB 6; Length 549;
Best Local Similarity 84.0%; Pred. No. 40;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCACGTGCAATGGCGA 25
Db 403 CAACCAAGGCATCTGCAGTGGCGA 427

RESULT 14

US-10-301-480-402770
; Sequence 402770, Application US/10301480
; Publication No. US20060057564A1

GENERAL INFORMATION:

; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480

; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 402770
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-402770

Query Match 74.4%; Score 18.6; DB 10; Length 562;
Best Local Similarity 84.0%; Pred. No. 41;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CGAACGAGGGCAGTGCATGGCGA 25
Db 403 CAACACGAGGCATCTGCAGTGGCGA 427

RESULT 15
US-10-301-480-1016179
; Sequence 1016179, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1016179
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1016179

Query Match 74.4%; Score 18.6; DB 10; Length 562;
Best Local Similarity 84.0%; Pred. No. 41;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CGAACGAGGGCAGTGCATGGCGA 25
Db 403 CAACACGAGGCATCTGCAGTGGCGA 427

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Job time : 513.506 secs

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OM nucleic - nucleic search, using sw model

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(without alignments)
566.476 Million cell updates/sec

Title: US-10-007-255-15

Perfect score: 25

Sequence: 1 gctgtgtatcaccgacactctctac 25

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Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	25	100.0	2726	2	US-08-461-823-1
C 2	25	100.0	3860	3	US-09-584-586-1
C 3	25	100.0	3860	3	US-09-584-586-3
C 4	25	100.0	3988	3	US-09-762-195-1
C 5	25	100.0	4264	2	US-08-784-649A-1
C 6	25	100.0	4264	2	US-08-784-649A-5
C 7	25	100.0	4646	3	US-08-181-471-2
C 8	25	100.0	4646	3	US-09-023-655-1167
C 9	25	100.0	4669	3	US-08-752-447-1
C 10	25	100.0	4669	3	US-09-316-167-1
C 11	25	100.0	4669	3	US-09-397-233-1
C 12	25	100.0	4669	9	5206352-3
C 13	25	100.0	6505	2	US-08-793-610-5
C 14	25	100.0	8630	3	US-09-306-417-1
C 15	25	100.0	8630	3	US-09-306-417-2
C 16	25	100.0	9318	2	US-08-793-610-6
C 17	24	96.0	3852	3	US-10-101-433A-1
C 18	24	96.0	4186	3	US-09-672-810-1
C 19	24	96.0	4195	3	US-09-672-810-3
C 20	23.4	93.6	4669	2	US-08-583-276-18
C 21	17.6	70.4	175236	3	US-09-949-016-14353
C 22	17	68.0	601	3	US-09-949-016-14353
C 23	17	68.0	606	3	US-09-252-991A-3463
C 24	17	68.0	1713	3	US-09-252-991A-3439

C 25	17	68.0	2112	3	US-09-252-991A-3494	Sequence 3494, Ap
C 26	17	68.0	2127	3	US-09-252-991A-3450	Sequence 3450, Ap
C 27	17	68.0	24204	3	US-09-949-016-16232	Sequence 16232, A
C 28	17	68.0	247781	3	US-09-949-016-14193	Sequence 14193, A
C 29	16.6	66.4	601	3	US-09-949-016-205911	Sequence 205911, A
C 30	16.6	66.4	601	3	US-09-949-016-205912	Sequence 205912, A
C 31	16.6	66.4	57761	3	US-09-949-016-13429	Sequence 13429, A
C 32	16.6	66.4	74644	3	US-09-949-016-17556	Sequence 17556, A
C 33	16.2	64.8	246	3	US-09-252-991A-11850	Sequence 11850, A
C 34	16.2	64.8	601	3	US-09-949-016-174875	Sequence 174875, A
C 35	16.2	64.8	601	3	US-09-949-016-174876	Sequence 174876, A
C 36	16.2	64.8	792	3	US-09-252-991A-11705	Sequence 11705, A
C 37	16.2	64.8	876	3	US-09-252-991A-11783	Sequence 11783, A
C 38	16.2	64.8	975	3	US-09-252-991A-11651	Sequence 11651, A
C 39	16.2	64.8	1083	3	US-09-252-991A-11533	Sequence 11533, A
C 40	16.2	64.8	16373	3	US-09-949-016-12820	Sequence 12820, A
C 41	16.2	64.8	16373	3	US-09-949-016-16897	Sequence 16897, A
C 42	16.2	64.8	45840	3	US-09-949-016-13903	Sequence 13903, A
C 43	16.2	64.8	45840	3	US-09-949-016-15042	Sequence 15042, A
C 44	16.2	64.8	46559	3	US-09-949-016-15043	Sequence 15043, A
C 45	16.2	64.8	49971	3	US-09-949-016-16688	Sequence 16688, A

ALIGNMENTS

RESULT 1
US-08-461-823-1/c
; Sequence 1, Application US/08461823
; Patent No. 5593840
; GENERAL INFORMATION:
; APPLICANT: Bhatnagar, Satish K.
; APPLICANT: George Jr., Albert L.
; APPLICANT: Nazarenko, Irina
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESS: OncorPharm, Inc.
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20877
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461.823
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/168,621
; FILING DATE: 16-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,433
; FILING DATE: 27-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kartta, Glenn E.
; REGISTRATION NUMBER: 30,649
; REFERENCE/DOCKET NUMBER: PA-0012 CIP 2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301 527-2058
; TELEFAX: 301 208-6997
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2726 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO

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; ANTI-SENSE: NO
US-08-461-823-1

Query Match          100.0%; Score 25; DB 2; Length 2726;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 534 GCTTGTGATCCACGGACACTCTCTAC 510

RESULT 2
US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; EARLIER FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 3
US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; EARLIER FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3
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Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 4
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; TITLE OF INVENTION: Protective Effect on Large Intestinal Mucosa
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99702426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match          100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 2096 GCTTGTGATCCACGGACACTCTCTAC 2072

RESULT 5
US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4264 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
|||||
Db 2168 GCTTGTGATCCACGGACACTCTTAC 2144

RESULT 6

US-08-784-649A-5/c
Sequence 5, Application US/08784649A
Patent No. 5830697

GENERAL INFORMATION:
APPLICANT: Sikic, Branimir I
APPLICANT: Chen, Gang
TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
TITLE OF INVENTION: CYCLOSPORIN MODULATION
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/784,649A
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: Reg.No. 5830697 36,677
REFERENCE/DOCKET NUMBER: 06037/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 4264 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
|||||
Db 2168 GCTTGTGATCCACGGACACTCTTAC 2144

RESULT 7

US-08-181-471-2/c
Sequence 2, Application US/08181471
Patent No. 5641508

GENERAL INFORMATION:
APPLICANT: Li, Lingna
APPLICANT: Lishko, Valeryi K.
TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas Fitting
STREET: 12526 High Bluff Drive, Suite 300
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92130

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,471
FILING DATE: 13-JAN-1994
CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/041,553
FILING DATE: 02-APR-1993
ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: ANT0029P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-3680
TELEFAX: 619-792-8477
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 4646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 425..4267

US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
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Db 2454 GCTTGTGATCCACGGACACTCTTAC 2430

RESULT 8

US-09-023-655-1167/c
Sequence 1167, Application US/09023655
Patent No. 6607879

GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Sellhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO

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/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/023,655
/ FILING DATE: HEREWITH
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Zeller, Karen J.
/ REGISTRATION NUMBER: 37,071
/ REFERENCE/DOCKET NUMBER: PA-0001 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 855-0555
/ TELEFAX: (650) 845-4166
/ INFORMATION FOR SEQ ID NO: 1167:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4646 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GENBANK
/ CLONE: g187468
/ US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 9
US-08-752-447-1/c
/ Sequence 1, Application US/08752447
/ Patent No. 5994088
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/752,447
/ FILING DATE: 15-NOV-1996
/ CLASSIFICATION:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/752,447
/ FILING DATE: 15-NOV-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 5994088nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121

/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/023,655
/ FILING DATE: HEREWITH
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Zeller, Karen J.
/ REGISTRATION NUMBER: 37,071
/ REFERENCE/DOCKET NUMBER: PA-0001 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 855-0555
/ TELEFAX: (650) 845-4166
/ INFORMATION FOR SEQ ID NO: 1167:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4646 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GENBANK
/ CLONE: g187468
/ US-09-023-655-1167

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316,167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
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; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
US-09-316-167-1

Query Match      100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 11
US-09-397-233-1/c
; Sequence 1, Application US/09397233
; Patent No. 6630327
; GENERAL INFORMATION:
; APPLICANT: Mechnetner, Eugene
;              Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
;                   Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/397,233
; FILING DATE: 16-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6630327nan, Kevin B
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-397-233-1

Query Match      100.0%; Score 25; DB 3; Length 4669;

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Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 12
5206352-3/c
; Patent No. 5206352
; APPLICANT: Roninson, Igor B.;Pastan Ira H.;Gottesman,
;Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:3:
; LENGTH: 4669
5206352-3

Query Match      100.0%; Score 25; DB 9; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 13
US-08-793-610-5/c
; Sequence 5, Application US/08793610
; Patent No. 5858744
; GENERAL INFORMATION:
; APPLICANT: BAUM, Christopher
; APPLICANT: STOCKING-HARBERS, Carol
; APPLICANT: OSTERTAG, Wolfram
; TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
; TITLE OF INVENTION: FOR GENE TRANSFER
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,610
; FILING DATE: 07-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 31 973.8
; FILING DATE: 08-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 03 952.1
; FILING DATE: 07-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/03175
; FILING DATE: 10-AUG-1995
; ATTORNEY/AGENT INFORMATION:

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; NAME: Berman, Richard J.
; REGISTRATION NUMBER: 39,105
; REFERENCE/DOCKET NUMBER: P1614-7007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-5000
; TELEFAX: (202)638-4810
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6505 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA
US-08-793-610-5

Query Match      100.0%; Score 25; DB 2; Length 6505;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 3846 GCTTGTGATCCACGGACACTCCTAC 3822

RESULT 14
US-09-306-417-1/C
; Sequence 1, Application US/09306417
; Patent No. 6548301
; GENERAL INFORMATION:
; APPLICANT: Heinrich-Pette-Institut
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
; FILE REFERENCE: P50491
; CURRENT APPLICATION NUMBER: US/09/306,417
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: DE 198 22 115
; EARLIER FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8630
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: proviral
; OTHER INFORMATION: plasmid DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(160)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: m4 mdr-1 cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: m4 mdr-1 cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5215)..(5774)
; OTHER INFORMATION: 3'-LTR
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5775)..(8630)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(8630)
; OTHER INFORMATION: retroviral expression vector SFbeta71m4
US-09-306-417-1
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Query Match      100.0%; Score 25; DB 3; Length 8630;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 3249 GCTTGTGATCCACGGACACTCCTAC 3225
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RESULT 15
US-09-306-417-2/c
; Sequence 2, Application US/09306417
; Patent No. 6548301
; GENERAL INFORMATION:
; APPLICANT: Heinrich-Pette-Institut
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
; FILE REFERENCE: P50491
; CURRENT APPLICATION NUMBER: US/09/306,417
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: DE 198 22 115
; EARLIER FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 8630
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: proviral
; OTHER INFORMATION: plasmid DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(8630)
; OTHER INFORMATION: retroviral expression vector SFbeta91mSA1
; NAME/KEY: misc_feature
; LOCATION: (1)..(160)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: mSA1 mdr1 cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5215)..(5774)
; OTHER INFORMATION: 3'-LTR
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5775)..(8630)
; OTHER INFORMATION: plasmid backbone (pUC)
US-09-306-417-2
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Query Match      100.0%; Score 25; DB 3; Length 8630;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 3249 GCTTGTGATCCACGGACACTCCTAC 3225

Search completed: April 1, 2006, 18:30:52
Job time : 80.4483 secs
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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds
(without alignments)
355.980 Million cell updates/sec

Title: US-10-007-255-15

Perfect score: 25

Sequence: 1 GCTTGTGATCCAGGACACTCTAC 25

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:
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3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	25	100.0	25	9 US-10-007-255-15	Sequence 15, Appl
2	25	100.0	25	9 US-10-007-255-32	Sequence 32, Appl
3	25	100.0	3258	9 US-10-794-514A-394	Sequence 394, App
4	25	100.0	3840	7 US-10-384-339C-30	Sequence 30, Appl
5	25	100.0	3860	3 US-09-866-866A-1	Sequence 1, Appl
6	25	100.0	3860	3 US-09-866-866A-3	Sequence 3, Appl
7	25	100.0	4192	8 US-10-651-237-53	Sequence 53, Appl
8	25	100.0	4192	8 US-10-782-413-53	Sequence 53, Appl
9	25	100.0	4533	3 US-09-805-020-30	Sequence 30, Appl
10	25	100.0	4543	5 US-10-072-621-2	Sequence 2, Appl
11	25	100.0	4643	5 US-10-097-340-1	Sequence 1, Appl
12	25	100.0	4643	6 US-10-007-926A-258	Sequence 258, App
13	25	100.0	4643	10 US-11-050-926-1	Sequence 1, Appl
14	25	100.0	4646	3 US-09-968-007A-459	Sequence 459, App
15	25	100.0	4646	3 US-09-968-007A-747	Sequence 747, App
16	25	100.0	4646	7 US-10-641-643-1167	Sequence 1167, Ap
17	25	100.0	4646	7 US-10-343-657-1	Sequence 1, Appl
18	25	100.0	4646	8 US-10-775-169-198	Sequence 198, App
19	25	100.0	4646	9 US-10-843-641A-6929	Sequence 6929, Ap
20	25	100.0	4646	9 US-10-843-641A-7217	Sequence 7217, Ap
21	25	100.0	4646	9 US-10-505-680-164	Sequence 164, App
22	25	100.0	4646	9 US-10-794-514A-392	Sequence 392, App
23	25	100.0	4646	9 US-10-007-255-1	Sequence 1, Appl

C 24	25	100.0	4669	7 US-10-680-516-1	Sequence 1, Appli
C 25	25	100.0	8630	3 US-09-306-417-1	Sequence 1, Appli
C 26	25	100.0	8630	3 US-09-306-417-2	Sequence 2, Appli
C 27	25	100.0	98472	8 US-10-484-577-673	Sequence 673, App
C 28	25	100.0	128993	8 US-10-484-577-681	Sequence 681, App
C 29	24	96.0	3852	6 US-10-101-433A-1	Sequence 1, Appli
C 30	24	96.0	4186	7 US-10-619-359A-1	Sequence 1, Appli
C 31	24	96.0	4195	7 US-10-619-359A-3	Sequence 3, Appli
C 32	22.4	89.6	3153	9 US-10-794-514A-396	Sequence 396, App
C 33	19.6	78.4	31	3 US-09-801-274-269	Sequence 136, App
C 34	19	76.0	19	9 US-10-918-969-136	Sequence 136, App
C 35	19	76.0	19	9 US-10-918-969-394	Sequence 394, App
C 36	18.2	72.8	439	9 US-10-779-543-19354	Sequence 19354, A
C 37	17.6	70.4	334	8 US-10-425-115-130740	Sequence 130740,
C 38	17.2	68.8	25	9 US-10-956-157-199868	Sequence 199868,
C 39	17.2	68.8	514	4 US-09-925-065A-843829	Sequence 843829,
C 40	17.2	68.8	625	4 US-09-925-065A-648732	Sequence 648732,
C 41	17.2	68.8	625	5 US-10-027-632-290365	Sequence 290365,
C 42	17.2	68.8	625	6 US-10-027-632-290365	Sequence 290365,
C 43	17.2	68.8	665	5 US-10-027-632-126989	Sequence 126989,
C 44	17.2	68.8	665	6 US-10-027-632-126989	Sequence 126989,
C 45	17.2	68.8	1005	6 US-10-369-493-26051	Sequence 26051, A

ALIGNMENTS

RESULT 1
US-10-007-255-15
; Sequence 15, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-15

Query Match 100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCAGGACACTCTCTAC 25
|||||
Db 1 GCTTGTGATCCAGGACACTCTCTAC 25

RESULT 2
US-10-007-255-32/c
; Sequence 32, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 25
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-32

Query Match          100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||||||||||||||||
Db 25 GCTTGTGATCCACGGACACTCTCTAC 1

RESULT 3
US-10-794-514A-394/c
; Sequence 394, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 394
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-394

Query Match          100.0%; Score 25; DB 9; Length 3258;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 1807 GCTTGTGATCCACGGACACTCTCTAC 1783

RESULT 4
US-10-384-339C-30/c
; Sequence 30, Application US/10384339C
; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: mdr-1
; PATENT DOCUMENT NUMBER: AF016535

US-10-384-339C-30

Query Match          100.0%; Score 25; DB 7; Length 3840;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||||||||||||||||
Db 2027 GCTTGTGATCCACGGACACTCTCTAC 2003

RESULT 5
US-09-866-866A-1/c
; Sequence 1, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||||||||||||||||
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 6
US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 7

US-10-651-237-53/c
; Sequence 53, Application US/10651237
; Publication No. US20050048494A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: ADS-5003 US NP
; CURRENT APPLICATION NUMBER: US/10/651,237
; CURRENT FILING DATE: 2003-08-27
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-651-237-53

Query Match 100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2146 GCTTGTGATCCACGGACACTCTCTAC 2122

RESULT 8

US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No. US20050048526A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match 100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2146 GCTTGTGATCCACGGACACTCTCTAC 2122

RESULT 9

US-09-805-020-30/c
; Sequence 30, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020

; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-30

Query Match 100.0%; Score 25; DB 3; Length 4533;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 10

US-10-072-621-2/c
; Sequence 2, Application US/10072621
; Publication No. US20020169137A1
; GENERAL INFORMATION:
; APPLICANT: Reiner, Peter B.
; APPLICANT: Connop, Bruce P.
; APPLICANT: Pollard, Michelle
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
; FILE REFERENCE: 100103.402
; CURRENT APPLICATION NUMBER: US/10/072,621
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-072-621-2

Query Match 100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2451 GCTTGTGATCCACGGACACTCTCTAC 2427

RESULT 11

US-10-097-340-1/c
; Sequence 1, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT

; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer

; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-097-340-1

Query Match 100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACATCTCTAC 25
|||||
DB 2451 GCTTGTGATCCACGGACATCTCTAC 2427

RESULT 12

US-10-007-926A-258/c
; Sequence 258, Application US/10007926A
; Publication No. US20030143539A1
; GENERAL INFORMATION:
; APPLICANT: BERTUCCI, FRANCOIS
; APPLICANT: HOULGATTE, REMI
; APPLICANT: BIRNBAUM, DANIEL
; APPLICANT: NGUYEN, CATHERINE
; APPLICANT: VIENS, PATRICE
; APPLICANT: FERT, VINCENT

; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS
; FILE REFERENCE: 1546-R-00

; CURRENT APPLICATION NUMBER: US/10/007,926A
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: 60/254,090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 468
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 258
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: atp-binding cassette, sub-family b
; OTHER INFORMATION: (mdr/tap), member 1 (ABCB1) gene.

US-10-007-926A-258

Query Match 100.0%; Score 25; DB 6; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACATCTCTAC 25
|||||
DB 2451 GCTTGTGATCCACGGACATCTCTAC 2427

RESULT 13

US-11-050-926-1/c
; Sequence 1, Application US/11050926
; Publication No. US20050214831A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVARAMU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT

; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/11/050,926
; CURRENT FILING DATE: 2005-02-04

; PRIOR APPLICATION NUMBER: US/10/097,340
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens

US-11-050-926-1

Query Match 100.0%; Score 25; DB 10; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACATCTCTAC 25
|||||
DB 2451 GCTTGTGATCCACGGACATCTCTAC 2427

RESULT 14

US-09-968-007A-459/c
; Sequence 459, Application US/09968007A
; Publication No. US20040115625A1
; GENERAL INFORMATION:
; APPLICANT: Ebner, Reinhard

; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal
; FILE OF INVENTION: Gene Sets
; FILE REFERENCE: 689290-71
; CURRENT APPLICATION NUMBER: US/09/968,007A
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,173
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,278
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,294
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,295
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,316
 ; PRIOR FILING DATE: 2000-10-02
 ; NUMBER OF SEQ ID NOS: 1001
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 459
 ; LENGTH: 4646
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-968-007A-459

Query Match 100.0%; Score 25; DB 3; Length 4646;
 Best Local Similarity 100.0%; Pred. No. 0.038;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGTGATCCACGGACACTCTAC 25
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 Db 2454 GCTGTGATCCACGGACACTCTAC 2430

RESULT 15
 US-09-968-007A-747/c
 ; Sequence 747 Application US/09968007A
 ; Publication No. US20040115825A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ebner, Reinhard
 ; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signa
 ; FILE REFERENCE: 689290-71
 ; CURRENT APPLICATION NUMBER: US/09/968,007A
 ; CURRENT FILING DATE: 2001-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,172
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,173
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,278
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,294
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,295
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: US/60/237,316
 ; PRIOR FILING DATE: 2000-10-02
 ; NUMBER OF SEQ ID NOS: 1001
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 747
 ; LENGTH: 4646
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-968-007A-747

Query Match 100.0%; Score 25; DB 3; Length 4646;
 Best Local Similarity 100.0%; Pred. No. 0.038;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGTGATCCACGGACACTCTAC 25
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 Db 2454 GCTGTGATCCACGGACACTCTAC 2430

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Title: US-10-007-255-15
Perfect score: 25
Sequence: 1 gctgtgacacgacactctac 25

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Searched: 9263891 seqs, 1996499642 residues

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 - 13: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq3:*
 - 14: /SIDSS/ptodata/2/pubpna/US11_NEW_PUB.seq4:*
 - 15: /SIDSS/ptodata/2/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	4192	7	US-10-782-413-53
C 2	25	100.0	4192	9	US-10-826-585-36
C 3	25	100.0	4646	8	US-10-775-169-198
C 4	25	100.0	4646	14	US-11-045-578-5
5	18.2	72.8	1857	8	US-10-750-185-30857
6	18.2	72.8	1857	8	US-10-750-623-30857
7	17.2	68.8	514	6	US-09-925-065A-843829
8	17.2	68.8	625	6	US-09-925-065A-648732
9	17	68.0	409	9	US-10-301-480-9902
10	17	68.0	409	10	US-10-301-480-623311
C 11	17	68.0	583	6	US-09-925-065A-386530
C 12	17	68.0	610	10	US-10-301-480-455104
C 13	17	68.0	610	10	US-10-301-480-1068513
14	17	68.0	656	6	US-09-925-065A-705937
15	17	68.0	656	6	US-09-925-065A-705938
16	17	68.0	656	6	US-09-925-065A-705939
17	17	68.0	656	6	US-09-925-065A-705940
18	17	68.0	656	6	US-09-925-065A-705941

19	17	68.0	656	6	US-09-925-065A-705942	Sequence 705942,
20	17	68.0	672	10	US-10-301-480-609302	Sequence 609302,
21	17	68.0	713	10	US-10-301-480-1222711	Sequence 1222711,
22	17	68.0	713	10	US-10-301-480-609301	Sequence 609301,
23	17	68.0	713	10	US-10-301-480-1222710	Sequence 1222710,
24	17	68.0	1341	8	US-10-467-657-5833	Sequence 5833, Ap
C 25	17	68.0	1535	9	US-10-301-480-100536	Sequence 100536,
C 26	17	68.0	1535	10	US-10-301-480-713945	Sequence 713945,
C 27	17	68.0	1766	11	US-11-096-568A-22802	Sequence 22802, A
C 28	17	68.0	2069	8	US-10-750-185-56936	Sequence 56936, A
C 29	17	68.0	2069	8	US-10-750-623-56936	Sequence 56936, A
C 30	16.8	67.2	10177	14	US-11-124-367A-183	Sequence 183, App
C 31	16.8	67.2	10240	14	US-11-124-367A-184	Sequence 184, App
C 32	16.8	67.2	10372	14	US-11-124-367A-181	Sequence 181, App
C 33	16.8	67.2	10471	14	US-11-124-367A-180	Sequence 180, App
C 34	16.8	67.2	10475	14	US-11-124-367A-182	Sequence 182, App
C 35	16.8	67.2	32038	14	US-11-124-367A-5071	Sequence 5071, Ap
C 36	16.6	66.4	468	6	US-09-925-065A-105199	Sequence 105199,
C 37	16.6	66.4	472	9	US-10-301-480-205311	Sequence 205311,
C 38	16.6	66.4	472	10	US-10-301-480-818720	Sequence 818720,
39	16.6	66.4	515	6	US-09-925-065A-6758	Sequence 6758, Ap
40	16.6	66.4	515	6	US-09-925-065A-6759	Sequence 6759, Ap
41	16.6	66.4	515	9	US-10-301-480-107995	Sequence 107995,
42	16.6	66.4	515	9	US-10-301-480-107996	Sequence 107996,
43	16.6	66.4	515	10	US-10-301-480-721404	Sequence 721404,
44	16.6	66.4	515	10	US-10-301-480-721405	Sequence 721405,
45	16.6	66.4	589	6	US-09-925-065A-850090	Sequence 850090,

ALIGNMENTS

RESULT 1
US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No: US20060063157A9
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 GCTTGTGATCCACGACACTCTAC 25
Db 2146 GCTTGTGATCCACGACACTCTAC 2122

RESULT 2
US-10-826-585-36/c
; Sequence 36, Application US/10826585
; Publication No. US20060008807A1
; GENERAL INFORMATION:
; APPLICANT: Immunivest Corporation
; APPLICANT: O'Hara, Shawn Mark
; APPLICANT: Foulk, Brad
; APPLICANT: Zweitzig, Daniel
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

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; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
US-10-826-585-36

Query Match 100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2146 GCTTGTGATCCACGGACACTCCTAC 2122

RESULT 3
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match 100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCCTAC 2430

RESULT 4
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
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; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDRI
US-11-045-578-5

Query Match 100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCCTAC 2430

RESULT 5
US-10-750-185-30857
; Sequence 30857, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: FANTIN, Dennis
; APPLICANT: BATES, Stephen
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30857
; LENGTH: 1857
; TYPE: DNA
; ORGANISM: Bovine 19866880179280
US-10-750-185-30857

Query Match 72.8%; Score 18.2; DB 8; Length 1857;
Best Local Similarity 87.0%; Pred. No. 48;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TTGTGATCCACGGACACTCCTAC 25
Db 576 TTGGGATCCACGGACTACTCCTGC 598

RESULT 6
US-10-750-623-30857
; Sequence 30857, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
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; SEQ ID NO 30857
; LENGTH: 1857
; TYPE: DNA
; ORGANISM: Bovine 19866880179280
US-10-750-623-30857

Query Match      72.8%; Score 18.2; DB 8; Length 1857;
Best Local Similarity 87.0%; Pred. No. 48;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TTGTGATCCACGACACTCTCTAC 25
    |||||
Db 576 TTGGATCCACGACACTCTCTGC 598

RESULT 7
US-09-925-065A-843829
; Sequence 843829, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 843829
; LENGTH: 514
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-843829

Query Match      68.8%; Score 17.2; DB 6; Length 514;
Best Local Similarity 86.4%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CTTGTGATCCACGACACTCTCT 23
    |||||
Db 246 CTTGTGATCCACTGACAGCCCT 267

RESULT 8
US-09-925-065A-648732
; Sequence 648732, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846

; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 648732
; LENGTH: 625
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-648732

Query Match      68.8%; Score 17.2; DB 6; Length 625;
Best Local Similarity 86.4%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TTGTGATCCACGACACTCTCTA 24
    |||||
Db 23 TTGATAGCCACGACACTCTCTA 44

RESULT 9
US-10-301-480-9902
; Sequence 9902, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9902
; LENGTH: 409
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-9902

Query Match      68.0%; Score 17; DB 9; Length 409;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGACACTCTCTAC 25
    |||||
Db 259 GCCTGATATCTCAGACACTCTCTAC 283

RESULT 10
US-10-301-480-623311
; Sequence 623311, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 623311
; LENGTH: 409
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-623311
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